

# Styrenics and blends

A broad portfolio formulated for your unique needs - Europe



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This guide covers our engineered polymer portfolio of styrenics and blends for several automotive, consumer and industrial applications. Our styrenic thermoplastics compounds (ABS, ASA, SAN-based) provide aesthetics, impact resistance and optical clarity, while our application-tailored blends (PA/PPO, PA/ABS, PC/ABS) deliver strength, flexibility and value.

Our compounded solutions offer enhanced properties including custom colors and effects, laser marking/welding, light diffusion/blocking, antimicrobial and anti-static features. Sustainable alternative grades incorporate PIR and PCR content with enhanced properties and various colors.

Grade name	Product Description & Special Attributes	Specific Gravity (g/cm3)	MVR (l)	Tensile Modulus (MPa) dry	Tensile Strength (MPa) dry	Notched Charpy Impact (kJ/m2)	Vicat B (°C)	Typical Applications
<b>Ronfalin (ABS, ASA, SAN)</b>								
Ronfalin ABS 1443 LE U	Low emission, UV stabilized and high heat ABS	1.05	17	2300	43	22	102	Automotive Interior applications
Polyman ABS LP500 RCP	Sustainable solution: ABS grade based on 96% PCR content	1.06	27	2500	42	10	95	Automotive, Industrial, Consumer
Ronfalin ABS 1334 U	High flow, medium impact, UV stabilized ABS, UL Listed (All colour)	1.04	22	2600	49	17	97	Consumer Appliances, Industrial
Ronfalin ABS 1337 (U)	High flow, medium impact and UV stabilized ABS	1.04	37	2600	48	17	97	Consumer Appliances, Industrial
Ronfalin ABS 1363 (U)	Medium flow, high impact and UV stabilized ABS	1.04	17	1800	30	30	97	Consumer Appliances, Industrial
Ronfalin ABS 1621	High heat ABS	1.05	6	2700	58	12	111	Household Appliances
Ronfalin ASA 3421 U	High heat and weather resistant ASA	1.06	9	2400	50	12	101	Automotive Interior/Exterior
Ronfalin ASA 3324 U	High flow and weather resistant ASA	1.06	22	2200	47	12	97	Automotive Interior/Exterior, E&E (Heatpumps)
<b>Glass Reinforced Ronfalin (ABS, SAN)</b>								
Ronfalin ABS 1412 GF20	20% GF reinforced ABS	1.20	11	6500	75	6	102	Automotive, Household Appliances
Ronfalin SAN 4501 GF35	35% GF reinforced SAN	1.35	7	12500	96	5	105	B&C (Windowspacer)
Ronfalin SAN 4701 GF35	35% GF reinforced and high heat SAN	1.35	10	12500	96	5	120	Industrial
<b>Schulablend (PC/ABS) M/MB products</b>								
Schulablend (PC/ABS) M/MB 4302	Medium flow PC/ABS and PG grade	1.12	20	2200	50	40	110	Electroplating applications - Automotive, Consumer
Schulablend (PC/ABS) M/MB 6304 LE (U)	Low emission and UV stabilized PC/ABS	1.13	14	2200	52	50	125	Automotive Interior applications
Schulablend (PC/ABS) M/MB 6305 SF (U)	Super flow, UV stabilized and high heat PC/ABS	1.16	27	2200	55	55	135	Automotive Interior applications, Consumer
Schulablend (PC/ABS) M/MB 6103 GF20	20% GF reinforced and high flow PC/ABS	1.26	35	6000	80	9	132	Automotive Interior applications
<b>Schulablend (PC/ASA) M/MA products</b>								
Schulablend (PC/ASA) M/MA 6401 U	Impact modified and UV stabilized PC/ASA	1.20	28	2300	58	62	135	Automotive interior - Roof console, Central console
Schulablend (PC/ASA) M/MA 6402 CA U	Constant antistatic and UV stabilized PC/ASA	1.16	28	2300	48	40	115	Automotive interior - Roof console, Central console
<b>Schulablend (PC/SAN) M/MS products</b>								
Schulablend (PC/SAN) M/MS 61XP GF30	30% GF reinforced PC/SAN, high stiffness and toughness	1.38	20	9970	131	7	130	Automotive Interior trims
<b>Schulablend (PC/PBT) M/MX products</b>								
Schulablend (PC/PBT) M/MX 5301 U	UV stabilized PC/PBT	1.20	40	2200	54	45	115	Automotive Exterior
<b>Schulablend (PA/ABS) M/MK products</b>								
Schulablend (PA/ABS) M/MK 6501 LE SF U	Low emission, super flow and UV stabilized PA/ABS	1.08	10	1800	40	90	130	Automotive interior - Loud speaker grills, trims
Schulablend (PA/ABS) M/MK 4301	Unfilled PA/ABS	1.06	11	1640	36	65	113	Consumer - Power tools housings
Schulablend (PA/ABS) M/MK 6101 GF8 U	8% GF reinforced and UV stabilized PA/ABS	1.10	4	2700	53	15	115	Automotive interior trims
Schulablend (PA/ABS) M/MK 7101 GF20	20% GF reinforced PA/ABS	1.21	5	5200	86	9	157	Automotive interior trims
Schulablend (PA/ABS) M/MK 6201 MT U	10% Mineral filled and UV stabilized PA/ABS	1.14	5	2500	39	25	132	Automotive interior trims

## Product selection guide

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<b>Schulablend (PA/ASA) M/MW products</b>								
Schulablend (PA/ASA) M/MW 5501 U	Unfilled, UV stabilized and high impact PA/ASA	1.10	12	1800	44	100	117	Automotive interior trims - UV exposure
Schulablend (PA/ASA) M/MW 6101 SF U	Unfilled, UV stabilized and high heat PA/ASA	1.14	23	2350	51	21	139	Automotive interior trims - UV exposure
Schulablend (PA/ASA) M/MW 6502	Unfilled and high impact PA/ASA	1.10	4	1850	43	90	126	Automotive interior trims - UV exposure
Schulablend (PA/ASA) M/MW 5201 MT SF U	10% Mineral filled PA/ASA	1.17	10	3200	55	18	115	Automotive interior trims - UV exposure
Schulablend (PA/ASA) M/MW 6101 MT SF U	10% Mineral filled PA/ASA	1.19	25	3100	51	10	135	Automotive interior trims - UV exposure
<b>Schulablend (PA/PP) M/MO products</b>								
Schulablend (PA/PP) M/MO 5101 (FC)	Unfilled, reduced density and food contact PA/PP	1.01	11	1850	50	11	120	Automotive, Consumer
Schulablend (PA/PP) M/MO 7101 GF8	8% GF reinforced PA/PP	1.09	7	2800	47	10	155	Automotive
Schulablend (PA/PP) M/MO 7101 GF15	15% GF reinforced PA/PP	1.12	10	5200	90	14	151	Automotive
Schulablend (PA/PP) M/MO 7101 GF25	25% GF reinforced PA/PP	1.2	4	7060	103	6.5	156	Automotive
<b>Schulablend (PET-G) M/MC products</b>								
Schulablend (PET-G) M/MC 3401 FC SF U	Super flow, BPA-free, UV stabilized copolyester blend designed or intended for food contact application	1.18	26	1600	45	95	98	Consumer appliances, Personal care & hygiene
<b>Schulablend (PA66/PPO) M/MH products</b>								
Schulablend (PA66/PPO) M/MH 8103 GF20	20% GF reinforced, high flow and high heat PA66/PPO	1.23	40	7500	110	9	200	Automotive, Industrial, Consumer
Schulablend (PA66/PPO) M/MH 8101 GF20	20% GF reinforced and high heat PA66/PPO	1.22	10	7000	118	10	219	Automotive, Industrial, Consumer

**(1) - MVR values measured at Polymer specific standard testing parameters, for more information, kindly refer to product specific Technical Datasheet**

\*No intentional use of BPA. We cannot exclude unintentional presence of BPA.

# About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit [www.lyb.com](http://www.lyb.com) or follow [@LyondellBasell](#) on LinkedIn.

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