

PRODUCT INFORMATION

Chrome over Polypropylene - *Hifax Chrome*



A series of Polypropylene Compounds suitable for Chrome plating processes

Processability

- Combines processability of PP
- With the chrome-ability of PC-ABS, ABS
- Can be plated by standard plating methods in use for PC-ABS
- Including Chrome-free processes

Markets suitability

- Automotive
- Furniture
- Electronics
- Electric applications

Availability

- Broad standard range availability of mechanical properties and shrinkage
- Samples are readily available
- Solutions on request

Products proposal

Properties	Hifax Chrome 2401 4T E	Hifax Chrome 2402 4C E	Hifax Chrome 2403 5M E	Hifax Chrome 2404 5T E	Hifax Chrome 2405 5C E	Hifax Chrome 2406 SL 5T E
MFR 230/2,16 ISO 1133, gr/10'	15,8	26,1	16,9	9	12,1	2,1
Density ISO 1183 (g/cm ³)	1,245	1,285	1,404	1,353	1,34	1,37
Flexural Modulus ISO 178 23°C, MPa	3700	1650	1650	3500	1650	1550
Tensile stress ISO 527 23°C, MPa	21,5	13,5	10,5	18,5	12	14,5
Tensile elongation at Break, %	4	65	5	2	24	10
IZOD notched ISO 180/1A 23°C, mJ/mm ²	13	27	23	17	27	42
IZOD notched ISO 180/1A 0°C, mJ/mm ²	4	8	13	7	18	24
IZOD notched ISO 180/1A -30°C, mJ/mm ²	1,9	4	3,4	2	3,8	2,6
Shrinkage intern method average %	0,47	0,94	0,76	0,4	0,89	0,39

Note: Pictures depict potential application domains, not actual product production applications using *Hifax Chrome* products.

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