

Material Data Sheet



Material Code: Sapylen HXM VO5

Material Description : Sapylene HXM VO5 is a Mineral-Filled polypropylene Copolymer with good flow ability in mold, UV stabilized and good impact resistance and very good processability for car interior trim parts application, like instrument panel (IP) proving stiffness.

Mechanical Properties	Value	Unit	Standard
Density	1.05±0.05	g/Cm ³	ISO 1183
Linear Mold Shrinkage	1.3-0.2	%	ISO 294
Filler Content(600°C , 30 min)	20±2	%	ISO 3451
Tensile stress @ yield	min 18	MPa	ISO 572
Tensile stress @ Break	min 14	MPa	ISO 572
Elongation @ Break	min 25	%	ISO 572
Elongation @ Yield	min 5	%	ISO 572
Tensile Modulus	min 1200	MPa	ISO 572
Izod Impact Notched @ 23°C	min 10	kJ/m ²	ISO 180

Thermal Properties

MFI(230°C/2.16kg)	10±2	gr/10min	ISO 1133
HDT (120°C/h, 1.8 MPa)	min 65	°C	ISO 75B

Color Matching

ΔE	≤0.5	Ral design 0001500	D155084
----	------	--------------------	---------

www.sahelchimie.com

info@sahelchimie.com



Fax: +981132023008

Tel: +981132023126-9