

M1685X

Description

High crystallinity polypropylene block copolymer for injection molding
Excellent stiffness, good impact resistance, high heat resistance as well as high productivity by cycle time reduction

Application

Automotive Compounding Base, Industrial Parts

Properties	Method	Condition	Unit	M1685X
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	30
Density	ASTM D1505	Density-Gradient	g/cm ³	0.9
Mechanical				
Tensile Strength at yield point(kgf/cm ²)	ASTM D638	50mm/min	kgf/cm ²	310
Elongation at Break Point	ASTM D638	50mm/min	%	<50
Flexural Modulus(kgf/cm ²)	ASTM D790	Press sheet, 1% Secant	kgf/cm ²	19000
Izod Impact Strength(kgf·cm/cm)	ASTM D256	23°C, Notched	kgf·cm/cm	6
Izod Impact Strength(kgf·cm/cm)	ASTM D256	-20°C, Notched	kgf·cm/cm	3
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		105
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	152
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	135

Note

The properties data in this table are typical values, and not guaranteed specification.
Typical resin property values are measured on a standard injection molded specimens.