

H5300

Description

Polypropylene homopolymer suitable for the extrusion of textile yarn and monofilaments
Good processibility and stretchability

Application

Woven fabrics, Net, Rope, Split yarn

Properties	Method	Condition	Unit	H5300
Physical				
MFI	ASTM D1238	230°C, 2.16kg load	g/10min	3.5
Density	ASTM D1505	Density-Gradient	g/cm ³	0.9
Mechanical				
Tensile Strength at Yield Point(MPa)	ASTM D638	50mm/min	MPa	34
Elongation at Break Point	ASTM D638	50mm/min	%	>500
Flexural Modulus(MPa)	ASTM D790	Press sheet, 1% Secant	MPa	1600
Izod Impact Strength(J/m)	ASTM D256	23°C, Notched	J/m	3
Rockwell Hardness(R-Scale)	ASTM D785	R-Scale		105
Thermal				
Vicat Softening Temperature	ASTM D1525	A50	°C	151
Heat Deflection Temperature	ASTM D648	4.6kgf/cm ²	°C	110

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.