

POLYPROPYLENE HOMOPOLYMER

HJ40XI

Typical Properties			
PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Melt Flow Rate (230°C/2.16Kg)	ASTM D1238	g/10 min	55.0 ± 5.0
Density	ASTM 1505	g/cm ³	0.9
Colour	DIN 6167	Yi	0 max
Tensile Yield Strength (50mm/min)	ASTM D638	MPa	38
Yield Elongation (50mm/min)	ASTM D638	%	8.5
Flexural Modulus at 1.3mm/min (1% sec)	ASTM D790	MPa	1850 max
Notched Izod Impact Strength at 23°C	ASTM D256-A	J/m	32
Heat Deflection Temperature	ASTM D648	455 kPa	122
		1820 kPa	61
Vicat Softening Point	ASTM D1525-A	9.81 N	154
		49.05 N	95

Typical data not to be used as specifications

Polypropylene **HJ40XI** is a nucleated homopolymer with good antistatic properties. This product has high crystallization temperature allowing for cost efficient production based on short molding cycles, gives balanced physical properties including high stiffness, has isotropic & balanced shrinkage resulting in less warpage & potential for pigment leveling, and has good opticals in thin walled molded articles & fresh part appearance due to reduced yellowing.

- **APPLICATIONS** : Injection moulding

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