



P-SIF-010

Description:

"Polynar P-SIF-010 " is a polypropylene homopolymer for the injection moulding applications.

Besides a high stiffness & good impact strength , "Polynar P-SIF-010 " offers also good process ability.

"Polynar P-SIF-010 " is suitable for a wide range of injection moulding applications such as applicant component, textile bobbins, wheels, fitting closues, caps & household articles

"Polynar P-SIF-010 " is suitable for food contact

Processing Method: Injection moulding

Features: Homopolymer
good mechanical properties
good impact strength
high stiffness

Typical Applications: "Polynar P-SIF-010 " suitable for general injection moulding



ISO 9001

OHSAS 18001

ISO 14001



TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	1.2	g/10min	ASTM D1238
Density	0.90	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1550	MPa	ASTM D790
Tensile Strength at Yield	35	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	65	J/m	ASTM D256
Thermal			
Vicat softening point (10N)	150	°C	ASTM D1525
H.D.T. (0.46 Mpa)	94	°C	ASTM D648

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