

NAME: P-SI-080 Homopolymer

Product Description:

"Polynar P-SI-080" is a homopolymer used for injection moulding applications. "Polynar P-SI-080" exhibits a good stiffness /impact balance at ambient temperature. The main applications of "Polynar P-SI-080" Are caps, closures, housewares and furniture. "Polynar P-SI-080" is suitable for food contact.

Typical Applications:

Furniture, caps, closures, household articles, toys, automotive industry

Typical data: (Table)

Test/Composition	Value	Unit	Method
Melt flow rate (230°C /2.16 kg)	8.0	dg/min	ASTMD1238
Density	0.9	g/cm ³	ASTMD 1505
Flexural Modulus	1550	MPa	ASTMD790
Tensile Strength at Yield	36	MPa	ASTM D 638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	36	J/m	ASTM D256
Vicat softening point (ION)	154	°C	ASTMD 1525
H.D.T (0.46 MPa)	93	°C	ASTM D 648

Main Application: Injection molding Product Type: Homo polymer.