

HiFill® POM HO

Techmer Polymer Modifiers - Acetal (POM) Homopolymer

General Information
Product Description

9623114

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Homopolymer
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.42	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	13	g/10 min	ISO 1133
Molding Shrinkage	1.8 to 2.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	10200	psi	ISO 527-2

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	150	°F
Drying Time	2.0 to 3.0	hr
Suggested Max Moisture	< 0.050	%
Rear Temperature	360 to 390	°F
Middle Temperature	370 to 400	°F
Front Temperature	380 to 410	°F
Nozzle Temperature	390 to 420	°F
Processing (Melt) Temp	365 to 420	°F
Mold Temperature	75 to 150	°F
Back Pressure	0.00 to 50.0	psi

