



ParsaFill 22285

Mineral Filled Polypropylene

Description

ParsaFill 22285 is a mineral filled polypropylene. The grade shows high softness, dimensional stability and low warpage. It provides very good flow characteristics for large injection molding parts.

Characteristics

Material Status: Commercially Active

Filler Type: Mineral Filler, 40% by weight

Form: Pellets

Processing Method: Injection Molding

Colors: Natural

Applications

Washing Machine

Properties

Physical	Value *	Unit	Test Method
Melt Flow Rate (MFR)		g/10 min	ASTM D1238
@230 °C/2.16 kg	10 - 20		
Molding Shrinkage (MD)	1.2 - 1.6	%	ASTM D955
Molding Shrinkage (TD)	1.2 - 1.6	%	ASTM D955
Density	1.20	g/cm ³	ASTM D792
Mechanical	Value *	Unit	Test Method
Tensile Modulus	3000	Mpa	ASTM D638
Tensile Stress		Mpa	ASTM D638
@Yield	22		
Tensile Strain		%	ASTM D638
@Yield	3		

Charpy Notched Impact Strength		KJ/m ²	ASTM D6110
@23 °C	4		
Thermal	Value *	Unit	Test Method
Heat Deflection Temperature		°C	ASTM D648
@1.82 MPa	65		

Processing Conditions

Title	Value	Unit
Drying Temperature	80	°C
Drying Time	2	hr
Barrel Temperature	190-220	°C
Melt Temperature	210-220	°C
Mold Temperature	30-50	°C
Injection Speed	Low to medium	-