RheTech Polypropylene P252-674UV

Polypropylene Copolymer

RheTech, Inc.

Message:

UV Stabilized, Polypropylene Copolymer, 447B Fawn

General Information			
Additive	UV stabilizer		
Features	Copolymer Good UV resistance		
Appearance	Light brown		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	70		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	22.8	MPa	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	150	J/m	ASTM D256
Dart Drop Impact	24.9	J	ASTM D5420
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	87.8	°C	ASTM D648
1.8 MPa, not annealed	52.2	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	65.6 - 82.2	°C	
Drying Time	1.0 - 2.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	188 - 216	°C	
Middle Temperature	193 - 221	°C	
Front Temperature	199 - 227	°C	
Nozzle Temperature	204 - 216	°C	
Mold Temperature	26.7 - 48.9	°C	
Injection Pressure	2.76 - 10.3	MPa	
Holding Pressure	2.07 - 8.27	MPa	

Back Pressure	0.345 - 1.03	MPa

Injection instructions

Injection Speed: Variable - Application DependantScrew RPM: Recovery 3 seconds before mold opensCycle Time: Wall Thickness Dependant

Recommended distributors for this material

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