

Safron® H713-06

Polypropylene Homopolymer

Safripol (PTY) LTD

Message:

Safron® H713-06 Polypropylene Resin is a medium flow homopolymer for general purpose injection moulding.
The additive package renders Safron® H713-06 Polypropylene Resin suitable for UV stabilisation with hindered amine light stabiliser systems.

General Information			
Additive	UV stabilizer		
Features	Homopolymer		
	Good UV resistance		
	Medium liquidity		
	Compliance of Food Exposure		
Uses	Industrial application		
	Shield		
	Household goods		
	General		
	Shell		
Agency Ratings	FDA 21 CFR 177.1520(c) 1.1a		
	Europe 10/1/2011 12:00:00 AM		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	32.0	MPa	ISO 527-2
Tensile Strain (Yield, Injection Molded)	8.0	%	ISO 527-2
Flexural Modulus (Injection Molded)	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Injection Molded)	3.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ¹			
0.45 MPa, not annealed	82.0	°C	ISO 75-2/B
1.8 MPa, not annealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature ²	85.0	°C	ISO 306/B
Injection	Nominal Value	Unit	

Rear Temperature	180 - 200	°C
Middle Temperature	210 - 230	°C
Front Temperature	240 - 260	°C
Nozzle Temperature	240	°C

Injection instructions

Zone 4 Temperature: 250°C

NOTE

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| 1. | Injection Molded |
| 2. | Injection Molded |

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