

Polifor® TR/30 H-D-R NATURALE

Polypropylene Homopolymer

SO.F.TER. SPA

Message:

Mineral filled polypropylene homopolymer, heat and detergent stabilized

General Information			
Filler / Reinforcement	Mineral		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Homopolymer		
Uses	Appliances		
Agency Ratings	EC 1907/2006 (REACH)		
UL File Number	E187982		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Molding Shrinkage	0.80	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	30	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648
Vicat Softening Temperature	100	°C	ASTM D1525 ¹
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index	650	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	190	°C	

Middle Temperature	210	°C
Front Temperature	230	°C
Mold Temperature	50.0 to 70.0	°C

NOTE

1. Rate A (50°C/h), Loading 2 (50 N)

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