

PRIMATOP PP HOMO 120

Polypropylene Homopolymer

Amco Polymers

Message:

PRIMATOP PP HOMO 120 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in North America for injection molding.

Important attributes of PRIMATOP PP HOMO 120 are:

- Low to No Odor/Taste
- Food Contact Acceptable
- Good Processability
- Good Stiffness
- Heat Resistant
- Typical applications include:
 - Appliances
 - Caps/Lids/Closures
 - Consumer Goods
 - Food Contact Applications
 - Household Applications

General Information			
Additive	Unspecified Stabilizer		
Features	Food Contact Acceptable		
	Good Processability		
	Good Stability		
	Good Stiffness		
	Good Thermal Stability		
	High ESCR (Stress Crack Resist.)		
	Homopolymer		
	Low to No Odor		
	Low to No Taste		
Uses	Medium Viscosity		
	Appliances		
	Closures		
	Household Goods		
	Toys		
Agency Ratings	White Goods & Small Appliances		
	FDA 21 CFR 177.1520		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.906	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method

Rockwell Hardness (R-Scale)	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	37.6	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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