



Sunoco PP F120F

Sunoco Chemicals, Polymers Division - Polypropylene Homopolymer

Tuesday, June 17, 2008

General Information

Product Description

- General Purpose
- Suggested Uses Include Housewares, Closures, Vials, Food Containers

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• General Purpose	• Homopolymer	
Uses	• Closures	• Food Containers	• Vials
	• Compounding	• General Purpose	
	• Consumer Applications	• Household Goods	
Forms	• Pellets		
Processing Method	• Compounding		

ASTM and ISO Properties ¹

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12 g/10 min	12 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	5400 psi	37.2 MPa	ASTM D638
Tensile Elongation ² (Yield)	9.0 %	9.0 %	ASTM D638
Flexural Modulus - 1% Secant ³ (Procedure A)	230000 psi	1590 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73 °F (23 °C))	0.600 ft-lb/in	32.0 J/m	ASTM D256A
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-Scale)	106	106	ASTM D785

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min (51 mm/min)

³ 0.050 in/min (1.3 mm/min)