

PRIMATOP PP CO 005NB

Polypropylene Copolymer

Amco Polymers

Message:

Fractional Melt Polypropylene Copolymer

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Heat Aging Resistance		
	Good Impact Resistance		
	Good Melt Strength		
	Good Stiffness		
Uses	Coating Applications		
	Containers		
	Piping		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Extrusion Coating		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	1100	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.8	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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