

PRIMATOP PP CO 200 NB

Polypropylene Impact Copolymer

Amco Polymers

Message:

PRIMATOP PP CO 200 NB is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in North America.

Important attributes of PRIMATOP PP CO 200 NB are:

Copolymer

Food Contact Acceptable

Heat Stabilizer

Impact Resistant

Nucleated

Typical applications include:

Consumer Goods

Containers

Food Contact Applications

General Information			
Additive	Heat Stabilizer		
	Nucleating Agent		
Features	Food Contact Acceptable		
	Heat Stabilized		
	Impact Copolymer		
	Low Temperature Impact Resistance		
	Nucleated		
Uses	Containers		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	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)	22.1	MPa	ASTM D638
Flexural Modulus - Tangent ²	1070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	37	J/m	
0°C	80	J/m	
23°C	No Break		

Instrumented Dart Impact ³ (-30°C, 12.7 mm, Total Energy)		28.2	J	ASTM D3763
Thermal	Nominal Value		Unit	Test Method
Deflection Temperature Under Load				ASTM D648
0.45 MPa, Unannealed	79.4		°C	
1.8 MPa, Unannealed	43.3		°C	
NOTE				
1.	Type I, 50 mm/min			
2.	13 mm/min			
3.	3.81 m/sec			

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

