

AMERICOLENE® PPN-20N-00



Polypropylene Impact Copolymer (IPC-IM)

Americolene® PPN-20N-00 is a high impact vis-broken high melt flow rate nucleated polypropylene impact copolymer designed for injection molding applications. The grade does not contains any antistat and a slip agent and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Typical applications include:

- Crates for Food Transport and Storage
- Pails
- Small Containers

Nominal Physical Properties:

PROPERTY	ASTM TEST METHOD	UNIT	VALUE
<i>Typical Resin Properties for PPN-20N-00:</i>			
Melt Flow Rate 230°C/2.16 kg	D1238	g/10 min.	20.0
Density	D792	g/cc	0.903
Injection Molded Sample			
Tensile Strength (2 in/min)	D638		
@ Yield		22.6 MPa	3,280 psi
@ Break		16.5 MPa	2,400 psi
Elongation (2 in/min)	D638		
@ Yield		5%	--
@ Break		50%	--
Flexural Modulus	D790B		
1% Secant		1,230 MPa	179,000 psi
Notched Izod Impact Strength	D256		
@ 23 C		NO BREAK	--
@ -20 C		9.3 kJ/m2	1.8 ft-lbf/in
Hardness	D785		
Rockwell R		74	--
Vicat Softening Point	D1525	145 C	293 F

* MD / TD

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Any inquiries regarding this data sheet should be addressed to: 11824 Jollyville Rd Austin, TX 78759 · Phone (800) 729 5417 · Fax: (512) 992 0225

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