

Pro-fax RP482V

Polypropylene, Random Copolymer

Product Description

Pro-fax RP482V clarified, easy molding very high melt flow polypropylene random copolymer is available in pellet form. This resin is typically used in injection molding applications requiring excellent processability and good see-through and contact clarity.

For regulatory compliance information see *Pro-fax* RP482V Product Stewardship Bulletin (PSB).

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	North America
Processing Methods	Injection Molding
Features	Antistatic, Clarity, Contact, High Flow
Typical Customer Applications	Clear Containers, Multi Media Packaging

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity (Method B)	ASTM D 792	0.90	sp gr 23/23°C
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	125	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790		
(0.05 in/min, 1% Secant, Procedure A)		145,000	psi
(1 mm/min, 1% Secant, Procedure A)		1,000	MPa
Tensile Strength @ Yield	ASTM D 638		
(2 in/min)		4,000	psi
(50 mm/min)		28	MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
Impact			
Notched Izod Impact	ASTM D 256		
(73 °F, Method A)		0.7	ft-lb/in
(23 °C, Method A)		37	J/m
Gardner Impact	ASTM D 5420		
(73 °F, Geometry GC)		105	in-lbs
(23 °C, Geometry GC)		12	J
Thermal			
DTUL @66psi - Unannealed	ASTM D 648		
(66psi)		176	°F
(0.45MPa)		80	°C
Optical			
Haze (45 mil)	ASTM D 1003	15	%

