



## 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

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

Typical Properties	Method	Value	Unit
<b>Physical</b>			
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
<b>Mechanical</b>			
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	145,000 1,000	psi MPa
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4,000 28	psi MPa
Tensile Elongation @ Yield	ASTM D 638	13	%
<b>Impact</b>			
Notched Izod Impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 37	ft-lb/in J/m
Gardner Impact (73 °F, Geometry GC) (23 °C, Geometry GC)	ASTM D 5420	105 12	in-lbs J
<b>Thermal</b>			
DTUL @66psi - Unannealed (66psi) (0.45MPa)	ASTM D 648	176 80	°F °C
<b>Optical</b>			
Haze (45 mil)	ASTM D 1003	15	%