

Pro-fax RP482V

Polypropylene Random Copolymer

LyondellBasell Industries

Message:

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).

General Information			
Additive	Antistatic Clarifier		
Features	Antistatic Contact Clarity Good Moldability Good Processability High Clarity High Flow Random Copolymer		
Uses	Containers Media Packaging		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	130	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.6	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Gardner Impact ³ (23°C)	11.9	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (1140 µm)	15	%	ASTM D1003

NOTE	
1.	50 mm/min
2.	1.0 mm/min
3.	Geometry GC

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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



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