



PCR30-R35B

30% PCR-containing Compound

Features: Nucleated compound with anti-static agent of virgin PP and post-consumer recycled (PCR) PP.

Applications: Injection molding for packaging and consumer products desiring PCR content.

Resin Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Melt Flow Rate	35 g/10min		D1238
Density	0.90 g/cm ³		D1505
Primary Melting Temperature	145 -155 °C	293 – 311 °F	D3418

Mechanical Properties

	Typical Value	Typical Value (English)	ASTM Test
Tensile Yield Strength	28 MPa	4100 psi	D 638
Tensile Elongation@ yield	10%		D 638
Flexural Modulus- Secant	1030 MPa	150 kpsi	D 790
Deflection Temperature @66psi (0.455 MPa)	79 °C	174 °F	D 648
Notched Izod@ 23°C	33 J/m	0.6 ft-lb/in	D 256
Haze at 25 mils	42%		
Clarity at 25 mils	99%		
Yellowness index	-8		

Regulatory

FDA – 21 CFR 177.1520(c) 3.1a and LNO

Food contact compliant - please contact us for additional details on our custom PCR blends for your specific application.

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The data and information represented herein refer to typical values obtained in our laboratories by the methods or apparatuses indicated and should be so considered. Since processing variables are a major factor in product performance, this information should serve only as a guide. Since customers' testing conditions are outside our control, the reproducibility of our data in a customer's testing facility is not guaranteed. Customer should confirm results under its testing conditions. There is no implied warranty of merchantability or fitness for a particular purpose. Establishing satisfactory performance of the product for the intended application is the customer's sole responsibility. No warranty is given concerning the existence or non-existence of any patents claiming any pertinent subject matter presented herein. The Company assumes no obligation, express or implied, or liability for use of or reliance on the information and data presented. INV Polypropylene, LLC disclaims all product warranties expressed or implied, including warranties of fitness for particular purpose or of merchantability. Further, this product is not intended for use in the manufacture of any form of implanted medical or surgical device. © 2022 INV Polypropylene, LLC. All rights reserved.