PCR30-H02N

INVISTA™ POLYPROPYLENE

30% PCR-containing Compound

Features: Nucleated compound with virgin PP and post-consumer recycled (PCR) PP.
Applications: Sheet and Thermoforming desiring PCR content

CERTIFIED RECYCLED CONTENT® SCS GLOBAL SERVICES
MINIMUM 30% RECYCLED CONTENT POST-CONSUMER

Resin Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Melt Flow Rate	2.3 g/10min		D1238
Density	0.90 g/cm3		D1505
Primary Melting Temperature	160 -165 °C	320 – 329 °F	D3418

Mechanical Properties

	Typical Value (SI)	Typical Value (English)	ASTM Test Method
Tensile Yield Strength	36 MPa	5260 psi	D 638
Flexural Modulus - Secant	1630 MPa	236 kpsi	D 790
Deflection Temperature @66psi (0.455 MPa)	116 °C	241 °F	D 648
Rockwell Hardness		96 R	D 785
Notched Izod @ 23°C	31 J/m	0.6 ft-lb/in	D 256
Mold Shrinkage MD	1.5%		D 955
TD	1.6%		
Appearance	Clear		
Yellowness index	-2.2		

Regulatory

FDA – 21 CFR 177.1520 (c) 1.1a
Please contact us for additional details on our custom PCR blends for your specific application.

118 Huntsman Way, Longview, TX 75602 – (903) 239-5332

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. © 2025 INV Polypropylene, LLC. All rights reserved.