

rPP-H03-301G

EXPERIMENTAL POLYPROPYLENE HOMOPOLYMER WITH 30% PCR

**TECHNICAL
DATASHEET**

Product Description

rPP-H03-301G is a gray polypropylene homopolymer with 30% polyolefin-blend post-consumer recyclate (PCR) under development designed for thermoformed parts and compounded polymers.

Typical Properties¹

Property	English Units	SI Units	ASTM Method
Resin Properties			
Density		0.92 g/cc	D792
Melt Flow Rate (230°C/2.16 kg)		3.0 g/10 min	D1238
Injection Molded Specimen Test			
Tensile Strength @ Yield	4,800 psi	33 MPa	D638
Elongation @ Yield	9 %	9 %	D638
Flexural Modulus, 1% Secant Method	200,000 psi	1,380 MPa	D790A
Notched Izod Impact @ 23°C	0.9 ft-lb/in	48 J/m	D256
Deflection Temperature @ 66 psi (455 kPa)	223 °F	106 °C	D648