



CHEMPLAX LLC

A KMI Group Company

Technical Data Sheet

EcoPrene 100% PCR Black PP

Polypropylene

Product Description

EcoPrene 100% PCR Black PP is a post-consumer polypropylene that offers a good balance of chemical, thermal, and electrical properties with moderate strength. This material exhibits durability, with high toughness and exceptional fatigue resistance.

EcoPrene material can be processed using conventional thermoplastic processing equipment.

Properties	Method	Value
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Density/Specific Gravity	ASTM D792	0.92g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D1238	23
Ash Content	ASTM D5630	4.90%
Tensile Properties Strength (Yield)	ASTM D638	31 MPa
Flexural Modulus	ASTM D790	1468 MPa
Izod Notched Impact (23°)	ASTM D256	0.5 ft-lb/in
Heat Deflection Temperature 66 psi 264 psi	ASTM D648	99°C 52°C

For additional inquiries, please contact: csr.supplychain@kmigroup.com

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