

Technical Data Sheet

Schuladur PCR GF30

Thermoplastic Polyester
LyondellBasell Industries
Engineering Plastics

Product Description

30% glass fibre reinforced PBT/PET blend. According to ISO 14021:2016 Schuladur PCR GF30 is a compound containing at least 30% of recycled material that is fully based on Post-Consumer Waste (PCW).

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Recycled Content	• Yes
Automotive Specifications	• FORD WSB-M4D921-A Color: Black • GM GMW15702-019101 PBT+PET-GF30 Color: 96.8001 Black • GM GMW15702-019102 PBT+PET-GF30 Color: 96.8001 LS Black • GM GMW15702-019103 PBT+PET-GF30 Color: 96.8082 LM Black • GM GMW15702-019104 PBT+PET-GF30 Color: 96.8069 LW Black
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.55 g/cm ³	1.55 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	1.57E+6 psi	10800 MPa	ISO 527-1/1
Tensile Stress (Yield)	19000 psi	131 MPa	ISO 527-2/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength	4.3 ft·lb/in ²	9.0 kJ/m ²	ISO 179
Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	31 %	31 %	ASTM D5630

Notes

These are typical property values not to be construed as specification limits.