

Technical Data Sheet

**Schuladur PCR GF30 BLK 968185**



Polyester, Thermoplastic

**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. Standard color is black, color matching for dark colors possible. Automotive structural applications are possible. Data Quality Level according to VDA 284: DQL Automotive

**Processing Method**            Injection Molding

**Filler/Reinforcement**        Glass Fiber, 30%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density	1.55	g/cm <sup>3</sup>	ISO 1183
Apparent (Bulk) Density	0.60 to 0.80	g/cm <sup>3</sup>	ISO 60
<b>Mechanical</b>			
Tensile Stress at Yield, (50 mm/min)	131	MPa	ISO 527-2
Tensile Modulus, (1 mm/min)	10800	MPa	ISO 527-1
<b>Impact</b>			
Charpy Impact Strength - Notched	9	kJ/m <sup>2</sup>	ISO 179
<b>Additional Information</b>			
Filler Content	31	%	ASTM D5630