

## Lanxess Pocan<sup>®</sup> C 3230 XF 000000 PBT + PC, 30% Glass Fiber

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate/Polybutylene Terephthalate (PBT) Blend, Glass Filled , Polyester, TP , Polybutylene Terephthalate (PBT)

### Material Notes:

PBT+PC, 30% glass fibers, injection molding, improved flowability, low tendency to warp, improved surface finish

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lanxess-Pocan-C-3230-XF-000000-PBT-PC-30-Glass-Fiber.php](http://www.lookpolymers.com/polymer_Lanxess-Pocan-C-3230-XF-000000-PBT-PC-30-Glass-Fiber.php)

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in <sup>3</sup>	ISO 1183
Viscosity Test	80 cm <sup>3</sup> /g	80 cm <sup>3</sup> /g	Viscosity number; ISO 307, 1157, 1628
Linear Mold Shrinkage, Flow	0.0030 cm/cm	0.0030 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0060 cm/cm	0.0060 in/in	ISO 294-4, 2577
Melt Flow	36 g/10 min @Load 5.00 kg, Temperature 260 °C	36 g/10 min @Load 11.0 lb, Temperature 500 °F	Estimated using room temperature density; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 psi	ISO 527-1/-2
Elongation at Break	2.4 %	2.4 %	ISO 527-1/-2
Tensile Modulus	7.50 GPa	1090 ksi	ISO 527-1/-2
Charpy Impact Unnotched	4.50 J/cm <sup>2</sup> @Temperature 23.0 °C	21.4 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179/1eU

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	80.0 µm/m-°C	44.4 µin/in-°F	ISO 11359-1/-2
CTE, linear, Transverse to Flow	30.0 µm/m-°C	16.7 µin/in-°F	ISO 11359-1/-2
Melting Point	225 °C	437 °F	10°C/min; ISO 11357-1/-3
Deflection Temperature at 0.46 MPa (66 psi)	165 °C	329 °F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	120 °C	248 °F	ISO 75-1/-2

Processing Properties	Metric	English	Comments
-----------------------	--------	---------	----------

Processing Properties	Metric °C	English	Comments
Mold Temperature	80.0 °C	176 °F	Injection Molding; ISO 10724

Descriptive Properties	Value	Comments
Form	Pellets	
ISO Shortname	ISO 7792-1-PBT+PC,GHMR,09-080,GF30	
Processing	Injection molding	
Region	Asia Pacific	
	Europe	
	Near East/Africa	
	North America	
	South and Central America	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China