

## Lanxess Pocan® KU 2-7604 000000 PBT+PC

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

### Material Notes:

PBT+PC, non-reinforced, injection molding, extrusion, flame retardant, impact modified, low tendency to warp

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lanxess-Pocan-KU-2-7604-000000-PBTPC.php](http://www.lookpolymers.com/polymer_Lanxess-Pocan-KU-2-7604-000000-PBTPC.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.30 %	0.30 %	Test Sim. to ISO 62
Moisture Absorption at Equilibrium	0.10 %	0.10 %	23°C/50% R.H.; Test Sim. to ISO 62
Linear Mold Shrinkage, Flow	0.0080 cm/cm	0.0080 in/in	ISO 294-4, 2577
Linear Mold Shrinkage, Transverse	0.0090 cm/cm	0.0090 in/in	ISO 294-4, 2577
Melt Flow	26 g/10 min @Load 5.00 kg, Temperature 260 °C	26 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	37.0 MPa	5370 psi	ISO 527-1/-2
Tensile Strength, Yield	45.0 MPa	6530 psi	ISO 527-1/-2
Elongation at Break	14 %	14 %	Nominal; ISO 527-1/-2
Elongation at Yield	3.5 %	3.5 %	ISO 527-1/-2
Tensile Modulus	2.00 GPa	290 ksi	ISO 527-1/-2
Charpy Impact Unnotched	NB @Temperature -30.0 °C	NB @Temperature -22.0 °F	ISO 179/1eU
	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	ISO 179/1eU

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	100 µm/m-°C	55.6 µin/in-°F	ISO 11359-1/-2
CTE, linear, Transverse to Flow	110 µm/m-°C	61.1 µin/in-°F	ISO 11359-1/-2

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	102 Â°C	216 Â°F	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	80.0 Â°C	176 Â°F	ISO 75-1/-2
Flammability, UL94	V-0 @Thickness 0.800 mm	V-0 @Thickness 0.0315 in	IEC 60695-11-10

Processing Properties	Metric	English	Comments
Melt Temperature	260 Â°C	500 Â°F	Injection Molding; ISO 294
Mold Temperature	80.0 Â°C	176 Â°F	Injection Molding; ISO 10724

Descriptive Properties	Value	Comments
Form	Pellets	
ISO Shortname	ISO 7792-1-PBT+PC,GFHLMPPR,11-020; ISO 1043-(PBT+PC) FR(17)	
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