

PRL TPSF-G30

PBT-GF30

Polymer Resources, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	8	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0035	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	117	MPa	ASTM D 638
Tensile Strength at Break	117	MPa	ASTM D 638
Flexural Modulus	6895	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	210	°C	ASTM D 648
DTUL @ 264 psi	202	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Characteristics**Processing**

Structural Foam

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Features

Foamable, Low Warpage

Chemical Resistance

General Chemical Resistance

Regional Availability

North America