

PRL TPSF-FRG30

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	0.004	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	114	MPa	ASTM D 638
Tensile Strength at Break	114	MPa	ASTM D 638
Flexural Modulus	7239	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	5.99	mm	-
DTUL @ 66 psi	210	°C	ASTM D 648
DTUL @ 264 psi	199	°C	ASTM D 648
Other properties			
Density	1620	kg/m ³	ASTM D 792

Characteristics**Processing**

Structural Foam

Features

Foamable, Low Warpage

Delivery form

Pellets

Chemical Resistance

General Chemical Resistance

Additives

Flame retarding agent

Regional Availability

North America

Special Characteristics

Flame retardant, Heat stabilized or stable to heat