

PRL TPSF-FRG10

PBT-GF10

Polymer Resources, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	13	g/10min	ASTM D 1238
Temperature	250	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	5	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	68.9	MPa	ASTM D 638
Tensile Strength at Break	68.9	MPa	ASTM D 638
Flexural Modulus	2896	MPa	ASTM D 790
Flexural Strength	102	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	5.41	mm	-
DTUL @ 66 psi	138	°C	ASTM D 648
DTUL @ 264 psi	121	°C	ASTM D 648
Other properties			
Density	1270	kg/m ³	ASTM D 792

Characteristics**Processing**

Structural Foam

Delivery form

Pellets

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Features

Foamable, Low Warpage

Chemical Resistance

General Chemical Resistance

Regional Availability

North America