

PRL PPX-SF1

(PPE+PS)

Polymer Resources, Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0075	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.0075	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	63.4	MPa	ASTM D 638
Tensile Strength at Break	62.1	MPa	ASTM D 638
Flexural Modulus	3172	MPa	ASTM D 790
Rockwell Hardness	R121	-	ASTM D 785
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
DTUL @ 66 psi	104	°C	ASTM D 648
DTUL @ 264 psi	98.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1120	kg/m ³	ASTM D 792

Characteristics**Processing**

Structural Foam

Delivery form

Pellets

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Features

Foamable

Regional Availability

North America