

RETPOL 7120/2

PP

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	3.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data	Value	Unit	Test Standard
Tensile Strength	24	MPa	ASTM D 638
Elongation at Break	300	%	ASTM D 638
Flexural Modulus	1120	MPa	ASTM D 790
Izod Impact notched, 1/8 in	180	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	N	J/m	ASTM D 256
Thermal properties			
ASTM Data	Value	Unit	Test Standard
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.6	mm	-
Coefficient of Thermal Expansion, MD	100	E-6/K	ASTM D 696
DTUL @ 66 psi	84	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	930	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Granules

Additives

Flame retarding agent

Special Characteristics

Flame retardant, High impact or impact modified

Features

Copolymer

Regional Availability

Asia Pacific