

RETPOL 9020 HS

PP

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.017	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	35	MPa	ASTM D 638
Elongation at Break	110	%	ASTM D 638
Flexural Modulus	1500	MPa	ASTM D 790
Izod Impact notched, 1/8 in	25	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	800	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
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	95	°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

Special Characteristics

Flame retardant

Features

Homopolymer

Applications

Electrical and Electronical

Regional Availability

Asia Pacific