

RETPOL 9034 HS

PP

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.0155	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength	22	MPa	ASTM D 638
Elongation at Break	160	%	ASTM D 638
Flexural Modulus	980	MPa	ASTM D 790
Izod Impact notched, 1/8 in	45	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	640	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.6	mm	-
Coefficient of Thermal Expansion, MD	80	E-6/K	ASTM D 696
DTUL @ 66 psi	80	°C	ASTM D 648
Other properties			
Density	1070	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, Heat stabilized or stable to heat

Features

Copolymer

Applications

Electrical and Electronical

Regional Availability

Asia Pacific