

RETPOL 9010 HS

PP

PolyPacific Pty Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	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	27	MPa	ASTM D 638
Elongation at Break	170	%	ASTM D 638
Flexural Modulus	1215	MPa	ASTM D 790
Izod Impact notched, 1/8 in	110	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	85	°C	ASTM D 648
Other properties			
Value	Unit	Test Standard	
Density	930	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Applications

Automotive

Delivery form

Granules

Regional Availability

Asia Pacific

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather