

**RETPOL 9015 HSY**

PP

PolyPacific Pty Ltd

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>16</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.0155</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Tensile Strength	<b>32</b>	MPa	ASTM D 638
Elongation at Break	<b>100</b>	%	ASTM D 638
Flexural Modulus	<b>1500</b>	MPa	ASTM D 790
Izod Impact notched, 1/8 in	<b>20</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>600</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.6</b>	mm	-
Coefficient of Thermal Expansion, MD	<b>90</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>88</b>	°C	ASTM D 648
<b>Other properties</b>			
<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>	
Density	<b>1070</b>	kg/m <sup>3</sup>	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**

Homopolymer

**Regional Availability**

Asia Pacific