

**Corton PDR 1043 HS**

PP-T40

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>18</b>	g/10min	ASTM D 1238
Temperature	<b>230</b>	°C	-
Load	<b>2.16</b>	kg	-
Mold Shrinkage, MD	<b>0.008</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength	<b>35</b>	MPa	ASTM D 638
Elongation at Break	<b>4</b>	%	ASTM D 638
Flexural Modulus	<b>4670</b>	MPa	ASTM D 790
Rockwell Hardness	<b>R 105</b>	-	ASTM D 785
Shore D Hardness	<b>75</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>17</b>	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	<b>185</b>	J/m	ASTM D 256
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Coefficient of Thermal Expansion, MD	<b>60</b>	E-6/K	ASTM D 696
DTUL @ 66 psi	<b>148</b>	°C	ASTM D 648
DTUL @ 264 psi	<b>102</b>	°C	ASTM D 648
<b>Other properties</b>			
Density	<b>1240</b>	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Processing**

Injection Molding

**Applications**

Automotive

**Delivery form**

Granules

**Regional Availability**

Asia Pacific

**Features**

Thermal Stability, Homopolymer