

**Cosmoplene® Z433**

PP

The Polyolefin Company (Singapore) Pte Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Mold Shrinkage, MD	0.016	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.016	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength	25	MPa	ASTM D 638
Flexural Modulus	780	MPa	ASTM D 790
Rockwell Hardness	R 78	-	ASTM D 785

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 66 psi	103	°C	ASTM D 648
Melting Temperature	144	°C	ASTM D 3418

Optical properties	Value	Unit	Test Standard
<b>Other Standards<sup>[5]</sup></b>			
Haze	15	%	TPC Method

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	900	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Special Characteristics**

High impact or impact modified, Transparent

**Features**

Blush Resistance/Low Crease Whitening, Copolymer, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

Asia Pacific