

Cosmoplene® FS5612

PP

The Polyolefin Company (Singapore) Pte Ltd

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	5.5	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength at Break	45	MPa	ASTM D 638
Thermal properties			
ASTM Data			
Melting Temperature	134	°C	ASTM D 3418
Optical properties			
ASTM Data			
Gloss	150	-	ASTM D 2457
Haze	0.5	%	ASTM D 1003
Other properties			
Density	900	kg/m ³	ASTM D 792
Film Properties			
ASTM Data			
Thickness of specimen	0.03	mm	-
Other Standards^{S1}			
Tensile Modulus, MD	420	MPa	TPC Method
Tensile Modulus, TD	420	MPa	TPC Method

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

Characteristics**Processing**

Film Extrusion

Features

Heat Sealable

Certifications

Food contact, Food approval FDA 21 CFR

Regional Availability

Asia Pacific