

RABALON® PJ5300C

Thermoplastic Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

Message:

RABALON® PJ5300C is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America. Primary attribute of RABALON® PJ5300C: Sterilizable.

Typical application of RABALON® PJ5300C: Medical/Healthcare

General Information			
Features	Autoclave Sterilizable		
	Ethylene Oxide Sterilizable		
Uses	Medical/Healthcare Applications		
Agency Ratings	JP XV		
Appearance	Translucent		
Physical	Nominal Value	Unit	Test Method
Density	0.890	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	45		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.00	MPa	ISO 37
Tensile Stress (Break)	10.0	MPa	ISO 37
Tensile Elongation (Break)	950	%	ISO 37
Tear Strength	20	kN/m	ISO 34-1
Compression Set ¹ (70°C, 22 hr)	40	%	ISO 815
NOTE			
1.	6 sheets (each thickness = 2mm)		

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Recommended distributors for this material

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