

Caltex PP 5850Y

Polypropylene Random Copolymer

GS Caltex

Message:

Caltex PP 5850Y is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific. Primary attribute of Caltex PP 5850Y: Copolymer.
Typical application of Caltex PP 5850Y: Automotive

General Information			
Features	Foamable		
	Random Copolymer		
Uses	Automotive Exterior Trim		
	Automotive Interior Trim		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.4 to 1.6	%	
Across Flow	1.4 to 1.6	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	13	%	
Break	> 500	%	
Flexural Modulus	785	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525

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