

HIPOL™ J858Y

Polypropylene Random Copolymer

Mitsui Chemicals, Inc.

Message:

HIPOL™ J858Y is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of HIPOL™ J858Y are:

Copolymer

Good Processability

Typical applications include:

Caps/Lids/Closures

Containers

General Information			
Features	Good Moldability		
	Random Copolymer		
Uses	Closures		
	Containers		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	29.4	MPa	
Break	32.4	MPa	
Tensile Elongation (Break)	600	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	29	J/m	
23°C	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	84.0	°C	
1.8 MPa, Unannealed	54.0	°C	
Vicat Softening Temperature	125	°C	ASTM D1525

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