ExxonMobil™ PP7815E1

Polypropylene Impact Copolymer

ExxonMobil Chemical

Message:

A copolymer resin with high crystallinity and low impact strength is used in composite base materials or injection molding applications requiring high melt flow rates.

General Information	
UL YellowCard	E31790-230763
Features	Nucleated Impact modification Rigidity, high Medium liquidity
Uses	Composite Application in Automobile Field
Appearance	Natural color
Forms	Particle
Processing Method	Blow molding Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Yield)	34.4	MPa	ASTM D638
Tensile Elongation [2] (Yield)	3.9	%	ASTM D638
Flexural Modulus - 1% Secant			
-- [3]	1830	MPa	ASTM D790A
-- [4]	2070	MPa	ASTM D790B
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	67	J/m	ASTM D256A
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load [5] (0.45 MPa, Annealed)	123	°C	ASTM D648

Legal statement
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NOTE	
1.	51 mm/min

2.	51 mm/min
3.	1.3 mm/min
4.	13 mm/min
5.	Measured on annealled sample at 100 °C for 30 minutes.

Recommended distributors for this material

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