

Propilven J-643

Polypropylene Impact Copolymer

Propilven, S.A.

Message:

Propilven J-643 grade is a heterophasic copolymer commonly used for the injection of automotive and industrial parts (battery cases).

Special Features:

Extremely high impact strength

Good balance impact-stiffness

Excellent thermal stability

Good process stability

General Information			
Features	Food Contact Acceptable		
	Good Processing Stability		
	Good Thermal Stability		
	Impact Copolymer		
	Ultra High Impact Resistance		
Uses	Automotive Applications		
	Battery Cases		
	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	24.0	MPa	ASTM D638
Flexural Modulus	900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648

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