

Ferro PP VX-34035

Polypropylene Copolymer

Ferro Corporation

Message:

Ferro PP VX-34035 is a polypropylene copolymer (PP Copoly) material. This product is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.
The typical application field of Ferro PP VX-34035 is: automotive industry

General Information			
Uses	Car interior equipment		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	37	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	1.6	%	ASTM D955
Transverse flow	1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	73		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	21.0	MPa	ASTM D638
Flexural Modulus (102mm span)	1310	MPa	ASTM D790
Flexural Strength (102mm span)	33.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	53	J/m	ASTM D256
23°C	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, unannealed, 6.50mm	143	°C	ASTM D648
1.8 MPa, unannealed, 6.50mm	88.0	°C	ASTM D648
CLTE - Flow (-30 to 80°C)	8.6E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Burning Rate	54	mm/min	ISO 3795
Additional Information			

DuPont Impact, 2mm, 23°C: 27 JDuPont Impact, 2mm, -30°C: 18 JTensile Strength, % Break by Grip: 30%Burn Rate: t=2mm: 54 mm/min

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