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Technical Data Sheet

Hostacom ERG 393F C12507

Tiostacom En a 3331 O 1230



Polypropylene Compounds

Product Description

Hostacom ERG 393F C12507 is a 20% glass fiber reinforced PP copolymer, with good stiffness and good impact resistance and high flowability. This grade shows very good surface quality on grained parts. Material provides high melt strength, good melt elongational behavior and is tailor-made for foam injection molding. This product is also available in other colors, new colors can be developed depending on customer requirements.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Application Automotive Parts; Interior Automotive Applications; Underhood

Market Automotive

Processing Method Injection Molding

Attribute Excellent Processability; Foamable; Good Impact Resistance; Good Surface Finish

Typical Properties	Nominal Value	Units	Test Method
Physical	, , , , ,		
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Melt Volume Flow Rate, (230 °C/2.16 kg)	26	cm ³ /10 min	ISO 1133-1
Density, (23 °C)	1.05	g/cm³	ISO 1183-1/A
Mechanical Mechanical			
Flexural Modulus, (23 °C, Tech. A)	4400	MPa	ISO 178/A1
Tensile Modulus, (23 °C)	4500	MPa	ISO 527-1, -2
Tensile Stress at Break, (23 °C)	60	MPa	ISO 527-1, -2
Tensile Strain at Break, (23 °C)	3	%	ISO 527-1, -2
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Charpy Impact Strength - Notched, (23 °C)	8	kJ/m²	ISO 179-1/1eA