MAJORIS AG157 - 7888

Polypropylene Homopolymer

AD majoris

Message:

AG157 - 7888 is a 15% chemically coupled glass fibre reinforced polypropylene compound intended for extrusion profil and blow moulding.
The product is available in natural, but other colours can be provided on request.
AG157 - 7888 has been developed especially for demanding applications in various engineering sectors.
AG157 - 7888 has well balanced mechanical properties, low flow rate and good processability. The product is UV stabilised.
APPLICATIONS
Product requiring UV stabilised, such as:
Exterior parts
Technical components

General Information	
Filler / Reinforcement	Glass Fiber,15% Filler by Weight
Additive	UV Stabilizer
Features	Chemically Coupled Good Processability Good UV Resistance Homopolymer Low Flow Recyclable Material
Uses	Engineering Parts Outdoor Applications Profiles
Appearance	Colors Available Natural Color
Forms	Pellets
Processing Method	Blow Molding Extrusion Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.60	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.50 to 0.90	%	
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2850	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50

Yield	46.0	MPa	
Break	43.0	MPa	
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	5.5	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	39	kJ/m^2	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	135	°C	ISO 75-2/B
1.8 MPa, Unannealed	125	°C	ISO 75-2/A
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	220	°C	
Cylinder Zone 2 Temp.	220	°C	
Cylinder Zone 3 Temp.	230	°C	
Cylinder Zone 4 Temp.	240	°C	
Melt Temperature	210 to 240	°C	
Head Temperature	240	°C	
Die Temperature	230	°C	

Recommended distributors for this material

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WECHAT