MAJORIS DG304E/10 - 8229

High Density Polyethylene

AD majoris

Message:

DG304E/10 - 8229 is a 33% chemically coupled glass fibre reinforced polyethylene high density compound (the long pellets ~10 mm) intended for injection moulding. The product is available in natural (DG304E/10) and other colours can be provided on request. APPLICATIONS DG304E/10 - 8229 is intended for components that require good impact strength, rigidity and dimensional stability. Suitable applications are: Electrical tool and appliance components Miscellaneous automotive technical items Household articles

Filler / Reinforcement Gas fiber reinforced material. 33% filler by weight Features Godd dimensional stability High density Chemical coupling Impact resistance. good Recyclable materials Recyclable materials Recyclable materials Medium hardness Power/other tools Power/other tools Power/other tools Appleation in Automobile Field Power/other tools Appleation in Automobile Field Second Seco	General Information					
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	Tensile Modulus	5700	MPa	ISO 527-2/1		
Flexural Modulus ¹ 4500 MPa ISO 178		69.0	MPa	ISO 527-2/50		
	Flexural Modulus ¹	4500	МРа	ISO 178		

Flexural Stress	105	MPa	ISO 178	
Impact	Nominal Value	Unit	Test Method	
Charpy Notched Impact Strength (23°C)	12	kJ/m²	ISO 179/1eA	
Charpy Unnotched Impact Strength (23°C)	44	kJ/m²	ISO 179/1eU	
Thermal	Nominal Value	Unit	Test Method	
Heat Deflection Temperature				
0.45 MPa, not annealed	127	°C	ISO 75-2/B	
1.8 MPa, not annealed	115	°C	ISO 75-2/A	
Flammability	Nominal Value		Test Method	
Flame Rating	НВ		UL 94	
Injection	Nominal Value	Unit		
Rear Temperature	180 - 200	°C		
Processing (Melt) Temp	190 - 230	°C		
Mold Temperature	30.0 - 50.0	°C		
Injection Rate	Moderate			
Injection instructions				
Holding pressure: 50 to 70% of the injection pressure				
NOTE				
1.	2.0 mm/min			

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