

Product Code: CO58211

Product Type:

CO58211 is a black polyamide 6 reinforced with 35% glass fiber.

Product Description:

CO58211 provides a balance of toughness and mechanical properties, stiffness, surface hardness, better dimensional stability, good thermal and chemical resistance.

Product Application:

This compound is used in automotive, electrical goods, home appliance, house wares and other utility products. This grade is designed to be processed in injection molding techniques.

Product Properties:

Property	Test Method	Test Condition	Value	Unit
Pellet size	BCS METHOD	(25 °C)	30-40	Pieces/g
Ash Content	ASTM D 5630	(600 C°, 1 hr)	35±1	%
Tensile Strength	ASTM D 638	(5mm/min)	125±5	MPa
Tensile strain at Yield	ASTM D 638	(5mm/min)	10±1	%
Izod Impact strength	ASTM D 256	Notched at 23 C°	85±5	J/m

Processing Conditions:

It is recommended that CO58211 be dried at (80-90 °c) for 4 hours.

The following injection molding conditions are recommended starting point for CO58211:

Rear Temp (°c)	Center Temp (°c)	Front Temp (°c)	Nozzle Temp (°c)	Mold Temp (°c)
240	250	250	250	70-80

Product Packaging & Storage:

The packing is 25KG per bag, laminated moisture proof woven bag. Keep the product in cool & dry place. Away from the direct sunlight, high temperature and rain pour.

All mentioned information in this paper are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any data given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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