

## Product Code: CO39350

### Product Type:

CO39350 is a natural color Flame-Retardant ABS compound.

### Product Description:

Flame retardant ABS compound meets stringent flammability performance requirements defined by industry agencies, including Underwriters Laboratories® UL 94 V-2 to V-0 performance ratings. The flame-Retardant compound contained a flame-retardant additive, in ABS carrier. CO39350 provides an excellent balance of mechanical properties and processability within flame retardant properties.

### Product Application:

This compound is used in home appliances, automotive, electrical goods, housewares, and other utility products.

### Product Properties:

Property	Test Method	Test Condition	Value	Unit
Melt Flow Index	ASTM D 1238-10	(220 C°, 10 kg)	28±2	gr/10min
Pellet size	BCS METHOD	(25 °C)	30-40	Pieces/g
Flame ability	UL94	---	V0	---
Moisture Content	ASTM D789	(105 C°, 1 hr)	max 0.2	%
Tensile Strength	ASTM D 638	(50 mm/min)	40±3	MPa
Tensile strain at Break	ASTM D 638	(50 mm/min)	10±1	%
Izod Impact strength	ASTM D 256	Notched at 23 C°	77±3	J/m

### Processing Conditions:

It is recommended that CO39350 should be dried at (75-85°C) for 2 hours.

The following injection molding conditions are recommended starting point for CO39350:

Rear Temp (°C)	Center Temp (°C)	Front Temp (°C)	Nozzle Temp (°C)
210	215	215	220

### Product Packaging & Storage:

The packing is 25 KG per bag, laminated moisture proof woven bag. Keep the product in a cool & dry place. Away from 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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