MAJORIS AEFR091

Polypropylene

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Message:

AEFR091 is a low halogen flame retardant compound UL 94 V2, intended for extrusion and profiles. The product is available in natural but other colours can be provided on request
AEFR091 produce very low level of toxicity and low smoke density in the case of a fire.
APPLICATIONS
AEFR091 has been developed especially for very demanding applications in automotive industry and electrical parts (conform 2002/95/EC, RoHS directive).
Sockets
Electrical parts
Miscellaneous technical components

General Information	
Additive	Flame Retardant Impact Modifier
Features	Flame Retardant Impact Modified Low Halogen Content Low Smoke Emission Low Toxicity Recyclable Material
Uses	Automotive Applications Electrical Parts Profiles
RoHS Compliance	RoHS Compliant
Appearance	Colors Available Natural Color
Forms	Pellets
Processing Method	Extrusion Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	630	MPa	ISO 527-2/1

Tensile Stress (Yield)	18.5	MPa	ISO 527-2/50
Tensile Strain (Yield)	500	%	ISO 527-2/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	71	kJ/m^2	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Flammability Index (1.00 mm)	850	°C	IEC 60695-2-12
Extrusion	**Nominal Value**	**Unit**	
Cylinder Zone 1 Temp.	180 to 190	°C	
Cylinder Zone 3 Temp.	180 to 190	°C	
Cylinder Zone 5 Temp.	180 to 190	°C	
Melt Temperature	200	°C	
Head Temperature	200	°C	
Die Temperature	200	°C	

Recommended distributors for this material

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