Rilsamid® AESN Noir P202 CTL

Polyamide 12

Arkema

Message:

Rilsamid® AESN Noir P202 CTL is a plasticized conductive grade designed for tube extrusion. AESN Noir P202 CTL is specially designed for conductive multi-layers fuel line applications.
MAIN APPLICATIONS
Conductive layer for fuel line applications.

General Information			
Additive	Plasticizer		
Uses	Automotive Applications Tubing		
Processing Method	Pipe Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.14	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (235°C/5.0 kg)	1.20	cm³/10min	ISO 11357
Hardness	**Nominal Value**	**Unit**	**Test Method**
Shore Hardness			ISO 868
Shore D	71		
Shore D, 15 sec	65		
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	585	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	35.0	MPa	
Break	38.0	MPa	
Tensile Strain			ISO 527-2
Yield	26	%	
Break	> 100	%	
Flexural Modulus	560	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength			ISO 179
-30°C	4.0	kJ/m²	
23°C	82	kJ/m²	
Charpy Unnotched Impact Strength			ISO 179
-30°C	No Break		
23°C	No Break		
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature	174	°C	ISO 11357-3

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	ISO 3915
Additional Information	**Nominal Value**		**Test Method**
ISO Shortname	PA12, EHLZ, 22-005		ISO 1874
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	80.0	°C	
Drying Time	4.0 to 6.0	hr	
Melt Temperature	230 to 270	°C	

Recommended distributors for this material

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