Rilsan® TIEFLEX R463 BLACK TLCP

PA* ARKEMA

Product Texts

Rilsan® TIEFLEX R463 BLACK TLCP resin is a flexible tie layer alloy partially based on renewable resources. This grade is designed for air brake application (tie layer for air brake tubing).

Packaging:
This grade is delivered dried in sealed packaging (25kg bags) ready to be processed.

Shelf life:
Two years from the date of delivery. For any use above this limit, please refer to our technical services.

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
[C] Melt volume-flow rate, MVR	**8.9 / ***	cm³/10min	ISO 1133
Temperature	**235 / ***	°C	-
Load	**5 / ***	kg	-

[C]: CAMPUS

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Tensile Modulus	**- / 540**	MPa	ISO 527
[C] Yield stress	**- / 29**	MPa	ISO 527
[C] Yield strain	**- / 50**	%	ISO 527
[C] Nominal strain at break	**- / >50**	%	ISO 527
[C] Charpy notched impact strength, -30°C	**- / 9**	kJ/m²	ISO 179/1eA

[C]: CAMPUS

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
[C] Melting temperature, 10°C/min	**214 / ***	°C	ISO 11357-1/-3

[C]: CAMPUS

Other properties	dry / cond	Unit	Test Standard
[C] Density	**1080 / -**	kg/m³	ISO 1183

[C]: CAMPUS

Characteristics

Processing
Other Extrusion

Certifications
Contains renewable resources

Delivery form
Pellets, Black

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa

Other text information

Other extrusion

Processing conditions
- Typical melt temperature (min / recommended / max): 220°C / 230°C / 240°C
- Drying time and temperature (only necessary for bags opened for more than two hours): 4-6 hours at 80°C