

ADD UNITED

Addcross 1501

Anhydride Modified Polypropylene

Product Description

Addcross 1501 is an anhydride modified polypropylene extrudable adhesive resin. It has been designed to develop a strong chemical bond with fusion bonded primers as an extrusion coating and lamination tie-layer. Addcross 1501 Provides excellent adhesion to Steel Pipe, polyolefins, polyamides, aluminium foil, fibers and other. It has high thermal stability and good flexibility.

The Addcross 1501 application/uses:

- Tie-layer
- Steel Pipe Coating

General			
Material Status	• Commercial: Active		
Availability	• Middle East, Europe		
Features	• Clean/High Purity	• Good Adhesion	• Excellent Process ability
Uses	• Coating Applications		
Appearance	• Natural		
Forms	• Pellets		
Packaging	• 25 sacks		
Processing Method	• Extrusion		

Physical	Nominal Value Unit	Test Method
Density	0.91±0.03 g/cm ³	ISO 1183
Melt Mass-Flow Rate (230°C/2.16 kg)	3.0±1 g/10 min	ISO 1133
Water content	< 0.1	ISO 15512

Mechanical	Nominal Value Unit	Test Method
Tensile (Break) min.	20 MPa	ISO 527
Tensile (Yield) min.	12 MPa	ISO 527
Tensile (Break) min.	400 %	ISO 527

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature min.	110 °C	ISO 306/A50

Extrusion
As a guide the following temperature profile is recommended: 160°C 180°C 200°C 220°C 230°C

Storage
Sacks should be stored in dry/closed condition at temperature below 50 °C and protected from UV /direct sunlight

Shelf Life
Shelf life at proper storage is at least 18 month from production date, but in case of a long storage time potential moisture pick-up needs to be eliminated by drying before extrusion.

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