HANWHA
Coating Resin

9730

Extrusion Coating Grade

MELT INDEX	**15.0**
DENSITY	**0.922**

HANWHA Coating Resin 9730 is manufactured by UNIPOL gas phase process and designed for variety of extrusion coating application such as tarpaulin especially. Coating Resin 9730 is well known for its excellent draw-down, adhesion to HDPE yarn and high quality assurance.

This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 3.1.a.

▣ Outstanding Properties

High Drawability, Low Neck-in
Strong Adhesion to HDPE, PP Woven Cloth
Good Compatibility with Color Master batch

▣ Processing Conditions

Cylinder : 200 ~ 300℃
Adapter/Head : 300℃
T-Dies : 300℃

▣ Additives

Antioxidant

▣ Physical Properties

Physical Properties	Unit	Test Method	Value
Melt Index	g/10min	ASTM D1238	15.0
Density	g/㎤	ASTM D1505	0.922
Vicat Softening Point	℃	ASTM D1525	94
Melting Point	℃	ASTM D3417	-
Tensile Strength at Yield	kg/cm^2	ASTM D638	105
Tensile Strength at Break	kg/cm^2	ASTM D638	170
Elongation at Break	%	ASTM D638	670
Brittleness Temperature, F_0	℃	ASTM D746	<-76
WVTR	$g/m^2/24hrs$	ASTM F1249-90	7.0
Neck-in(3)	cm	-	4.5
Allowable Coating Speed(3)	m/min.	-	> 500

1. These are typical properties : not to be construed as specification.
2. The value for this property is dependent on part geometry and fabrication conditions.
3. Melt Temperature : 305℃, Line Speed : 100m/min., Output : 80kg/hr

Hanwha Chemical
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