

## ExxonMobil Paxon™ AA53-003 Pipe Extrusion Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

### Material Notes:

**Product Description:** AA53-003 is a pipe extrusion grade high density polyethylene copolymer offering an excellent combination of stiffness and stress crack resistance. This material meets or exceeds the AASHTO M294 requirement. Availability: Latin America, North America and South America Additive: Thermal Stabilizer: Yes Antistatic: No Applications: Drainage Pipes Food packaging High Drainage Pipe Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Paxon-AA53-003-Pipe-Extrusion-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Paxon-AA53-003-Pipe-Extrusion-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.953 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D4883
Melt Flow	0.25 g/10 min @Load 2.16 kg, Temperature 190 °C	0.25 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
High Load Melt Index	26 g/10 min @Load 21.6 kg, Temperature 190 °C	26 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
2% Secant Modulus	1.24 GPa	180 ksi	Flexural; ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	177 °C	350 °F	

Descriptive Properties	Value	Comments
Notched Constant Ligament Stress	>24 hrs	ASTM F2136

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China