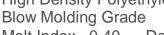
(+) 188 1699 6168 hongrunplastics.com

Alathon

L5040

High Density Polyethylene Blow Molding Grade

Melt Index 0.40 Density 0.949





Alathon L5040 is able to incorporate high levels of post-consumer recycle and retain excellent bottle physical properties. This resin provides high ESCR and processing stability. Typical applications include stress crack resistant bottles and extruded pipe and conduit. L5040 containing antistat is available as L5040AS.

Regulatory **Status**

L5040 meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food..." Specific limitations or conditions of use may apply. Contact your Equistar product safety representative for more information.

Processing Techniques Specific recommendations for processing L5040 can only be made when the processing conditions, equipment and end use are known.

Typical Properties

Nominai		ASTW
Value	Units	Test Method
0.40	g/10 min	D1238
0.949	g/cm³	D1505
3,400	psi	D638
>600	%	D638
160,000	psi	D790
188	ft-lb/in.	D1822
<-75	°C	D746
76	°C	D648
128	°C	D1525
63		D2240
>1000	hrs	D1693 ¹
	Value 0.40 0.949 3,400 >600 160,000 188 <-75 76 128 63	Value Units 0.40 g/10 min 0.949 g/cm³ 3,400 psi >600 % 160,000 psi 188 ft-lb/in. <-75

^{1 100%} Igepal® CO-630, 50°C

These are typical values not to be construed as specification limits.



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