

## ARCEL® Resin Product Grades

- 730X** ARCEL 730X resin is our highest volume product, primarily because of its versatility. This product has the best all-around performance for packaging applications, multiple drop protection, cracking resistance, bead size, density range, etc. The typical molded part density range is from 1.2 pcf to 7+ pcf.
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- 730B** ARCEL 730B resin is a new product offering that is a black resin. It is the ideal product for dunnage trays, automotive trunk liners, child car seats, military applications and any other application where you may prefer to have a dark foam surface rather than white foam.
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- LD** Ideal for low target part densities, ARCEL LD resin can be used to achieve molded part densities lower than 1.0 pcf (16 g/L). In addition, this product has lower pentane content and offers higher product yield than ARCEL 730 resin. This product helps our customers meet increasingly aggressive cost and sustainability goals.
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- ULV** One of the newest ARCEL resins, ARCEL ULV resin was developed to meet the needs of our customers who do not have access to refrigerated storage and those who want to further reduce their pentane and VOC emissions. With single pass expansion, this product is capable of achieving molded part densities as low as 1.35 pcf. As the ARCEL resin grade with the lowest level of blowing agent, this product can maximize your yield.
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- 640** This new product has improved impact properties. Minimum achievable molded part density is typically 1.7 pcf with ARCEL 640 resin. This product is well suited for applications requiring improved durability and crack resistance.

ARCEL Resin Grade	Typical Pentane Content (Weight %)	Unexpanded Bead Size	Minimum Achievable Pre-Expanded Density PCF (g/l)			Resin Color
			Sing Pass Batch Expansion	Single Pass Continuous Expansion	Double Pass Expansion	
LD	7.5	0.9 - 2.0 mm	0.95 (15.2)	1.10 (17.6)	0.85 (13.6)	White/Natural
730X	8.8	0.8 - 1.7 mm	1.1 (17.6)	1.15 (18.4)	0.90 (14.4)	White/Natural
730B	9.3	0.8 - 1.7 mm	1.35 (21.6)	1.40 (22.4)	1.05 (16.8)	Black
ULV	5.5	0.9 - 2.0 mm	1.25 (20)	1.45 (23.2)	1.00 (16.0)	White/Natural
640	8.8	0.7 - 1.4 mm	1.6 (25.6)	-	-	White/Natural

All ARCEL resin products are typically packed in 1000-pound (454 kg) cartons.

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