

Extrusion ABS POLYLAC® PA-747F

Product Description: Refrigerator, Extrusion

Properties	ASTM Test Method	Test Condition	Unit	PA-747F
Melt Flow Index	D1238	200°C, 5 Kg	g/10 min	0.3
		220°C, 10 Kg		-
Mass Density	D792	23 °C	-	1.05
Hardness	D785	-	R Scale	115
Tensile Strength (Yield)	D638	6 mm/min	Kg/cm ²	485
			lb/in ²	6880
Tensile Elongation	D638	6 mm/min	%	30
Flexural Strength	D790	2.8 mm/min	Kg/cm ²	730
			lb/in ²	10350
Flexural Modulus		2.8 mm/min	10 ⁴ Kg/cm ²	2.6
			10 ⁵ lb/in ²	3.8
Izod Impact Strength	D256 (Notched)	6.4 mm, 23°C	Kg-cm/cm	26
			ft-lb/in	4.8
		3.2 mm, 23°C	Kg-cm/cm	33
Vicat Softening Temp.	D1525	1 Kg, 50°C/hr	°C	106
			°F	223
Heat Distortion Temp.	D648	1.8 Mpa Annealed	°C	95
			°F	203
		1.8 MPa Unannealed	°C	85
			°F	186
Flammability	UL-94	-	-	1.5 mm HB

September 20, 2023

Notes: These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

The above statement is based on our current level of knowledge and covers the above products directly manufactured and supplied by CHI MEI CORPORATION at the date of issue. CHI MEI CORPORATION makes no warranties, whether express or implied, and assumes no liability in connection with any use of above information. Notwithstanding the foregoing, CHI MEI CORPORATION shall in no event be held obligated or liable for any claims due to or arising from (i) any customer provided, consigned, materials and/or parts, which are incorporated or adopted in the products; (ii) any combination of the products with material not provided or authorized by our company; (iii) any modifications to the products which are made or directed by customer; (iv) our compliance with the specifications, instructions, and/or designs provided by customer; (v) any anti-trust, unfair competition and/or other unlawful actions effected by customer; or (vi) any defects, infringement, breach and/or violation which are arising out of customer's faults or otherwise not solely and directly attributable to CHI MEI CORPORATION. In no event will CHI MEI CORPORATION be liable for any indirect, special, exemplary, punitive, or consequential damages (including lost profits) of any nature whatsoever whether arising out of the purchase, shipment, unloading, handling, or use of any product or otherwise.