

Polylac PA758 – Chi Mei's most versatile clear ABS



As one Chi Mei's Core distributors in the UK, we are delighted to supply Chi Mei's extensive range of materials, including their POLYLAC® range of transparent ABS.

Chi Mei Corp. ("CMC") is one of the world's leading suppliers of plastic and rubber materials. Chi Mei's many products are widely used in the manufacture of countless customer goods. Their chief products include ABS resins, SAN resins, PS resins, MS resins, PC resins, PC/ABS resins, ASA resins, Q resins, PMMA resins.

The POLYLAC® ABS Resin of Chi Mei is currently the most diverse acrylonitrile-butadiene-styrene copolymer. It covers a variety of specifications in the market such as the general purpose grades, high flow grades, extrusion grades, flame retardant grades, and heat resistant grades.

POLYLAC® MABS

To make the material transparent, a third element is added to adjust the refractive index of ABS and rubber matrix. Based on Chi Mei's exclusive techniques, a transparent MABS PA-758 was developed which demonstrates

- Consistent Transparency
- Stable colour
- Good flowability
- Excellent chemical resistance
- All the balanced properties of other ABS grades

It is suitable for multiple applications, home electronics, toys, and home appliances.

If you currently using clear ABS or feel POLYLAC® PA758 might be of interest to you please contact sales@plastribution.co.uk

Read on for more information >

Transparent MABS POLYLAC® PA-758R

Product Description: Transparent, Chemical resistant

Properties	ISO Test Method	Test Condition	Unit	PA-758R
Melt Flow Index	1133	200°C×5KG	ml/10 min	2.2
Mass Density	1183	23 °C	g/cm ³	1.08
Tensile Strength	527	50 mm/min, yield	MPa	45
		50 mm/min, break	MPa	33
Tensile Elongation	527	50 mm/min	%	60
Flexural Strength	178	2 mm/min	MPa	62
Flexural Modulus		2 mm/min	GPa	2.1
Izod Impact Strength	180/1A	23 °C Notched	KJ/m ²	15
		-30 °C Notched	KJ/m ²	8
Charpy Impact Strength	179	23 °C Notched	KJ/m ²	15
		-30 °C Notched	KJ/m ²	8
Vicat Softening Temp.	306	1 Kg, 50 °C/hr	°C	102
		5 Kg, 50 °C/hr	°C	94
Heat Distortion Temp.	75/A	1.8 MPa Unannealed	°C	75
		1.8 MPa Annealed	°C	95
Coefficient of Linear Thermal Expansion	11359	-	-	8.7 x 10 ⁻⁵
Flammability	-	UL-94	-	1.5mm HB
Mold Shrinkage	294-4	-	%	0.3 ~ 0.7
Symbol	1043	-	-	>MABS<

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

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