

HDPE rigid sheets

Polyethylene rigid sheets

PE-S series



LIDA HDPE rigid sheets**PE-S series**

Sizes	Thickness range: 3mm~30mm Width: 1000mm~1500mm Length: Any length.
Surface	Glossy
Standard Colors	Natural, black, yellow, red, green and any other colors according to customers' requirements.
Characteristics	Very good welding and processing properties; Excellent impact strength; Excellent chemical and corrosion resistance; Material will not chip, crack, peel or break; Vacuum and heat formable grades available; Lightweight, non-toxic.
Applications	Construction materials for chemical, mechanical and food industry, e.g. Tanks and Vessels, boat accessories, food cutting boards, playground structures, Lab equipments, Plating Barrels, machined parts, and so on.

Standard sizes

Standard sizes				
Thickness	1220mm×2440mm	1500mm×3000mm	1300mm×2000mm	1000mm×2000mm
3mm~30mm	√	√	√	√
We can also provide any other sizes according to your special needs.				

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Technical Data Sheet of HDPE rigid sheet

	Test Standard (QB/T 2490-2000)	Unit	Typical Value
Physical			
Density	0.94-0.96	g/cm ³	0.962
Mechanical			
Tensile Strength (Length/Breadth)	≥22	Mpa	30/28
Elongation	-----	%	8
Notch Impact Strength (Length/Breadth)	≥18	KJ/m ²	18.36/18.46
Thermal			
Vicat Softening Temperature	-----	°C	80
Heat Deflection temperature	-----	°C	68
Electrical			
Volume Resistivity		ohm·cm	≥10 ¹⁵

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