



Ourgreen Extruded Polystyrene Foam Insulation Technical Data

Item	Unit	Standard	Product Model										
			X150	X250	X300	X350	X400	X450	X500	X600	X700	X900	
Compressive Strength	Kpa	GB/T 8813 -2008	≥ 150	≥ 250	≥ 300	≥ 350	≥ 400	≥ 450	≥ 500	≥ 600	≥ 700	≥ 900	
Thickness	mm	GB/T 10801.2 -2002	20-100	20-100	25-100	25-100	25-100	25-100	25-80	25-80	30-70	30-60	
Density	Kg/m <sup>3</sup>	GB/T 6343 -2009	30-32	31-34	32-35	34-37	36-40	38-42	43-47	47-50	50-55	55-62	
Surface Condition	---	GB/T 10801.2 - 2002	Thickness 25-70mm: Skin/Planed/Grooved Other thickness: Planed/Grooved										
Edge Treatment	---	GB/T 10801.2 - 2002	Square Cut / Ship-lap / Tongue & Groove / Butt Edge										
Thermal Conductivity at 25°C	W/m.k	GB/T 10801.2 - 2002	≤ 0.030					≤ 0.029					
Water Absorption	%	GB 8810 - 2005	≤ 1.5	≤ 1.0									
Dimensional Stability 70°C ± 2°C	%	GB/T 8811 - 2008	≤ 2.0	≤ 1.5					≤ 1.0				
Fire Classification	---	GB 8624 - 2012	B,C (B1 Grade) / D,E (B2 Grade) / F (B3 Grade)										
Width	mm	GB/T 10801.2 - 2002	600mm / 1200mm / Customized										
Length	mm	GB/T 10801.2 - 2002	1200mm / 1250mm / 2400mm / 2500mm / Customized										
Service Temperature	°C	---	-50 / 75										
Processing Temperature	°C	---	95 Max										
<b>Product Model</b>	<b>Application</b>												
X150	Roof Insulation/Wall Insulation/Floor Insulation												
X250	Roof Insulation/Wall Insulation/Composite Panel												
X300	Roof Insulation/Floor Insulation/Composite Panel												
X350	Cold Storage Floor/Industrial Floor/Composite Panel												
X400	Cold Storage Floor/Industrial Floor/Composite Panel/Ice Rink Foundation												
X450	Cold Storage Floor/Industrial Floor/Ice Rink Foundation/Airport Runway/Road Foundation												
X500	Industrial Floor/Ice Rink/Airport Runway/Road Foundation												
X600	Industrial Floor/Ice Rink/Airport Runway/Road Foundation												
X700	Industrial Floor/Airport Runway/High-speed Railway												
X900	Wind Blade												

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