



# APAK EPS R 450 (white)

Expandable Polystyrene (Genleřtirilebilir Polistiren)

APAK EPS® is an expandable polystyrene with excellent whiteness, high swelling performance and mechanical properties, equipped with features that will provide superior performance specific to the area of use. It is used in the construction sector, where non-flammability is required, in exterior and interior applications for thermal insulation, in foam cups, plates, fish boxes, ice cream boxes, fruit and vegetable crates that can come into contact with food, in the protection of white goods, electronics, automobile industry and decorative goods with its impact protection feature, etc. It is a polystyrene with expansion properties with its usage areas.

Grade	Bead Size (mm)	Pre-expansion Density (Kgf/cm <sup>2</sup> )	Foam Multiple	Foam Density (g/L)	Usage
R 450	0.3 - 0.47	17	24 - 45	23 - 42	High-density Insulation,

<b>Polystyrene Content</b>	<b>93 ~ 94 %</b>	
<b>Pentane Content</b>	5 ~ 7 %	Max.
<b>Flame Retardant</b>	1 %	
<b>MV (*1000)</b>	250	Aprx.
<b>Specific Gravity</b>	1.03 ~ 1.05	
<b>Moisture Content</b>	1 %	Max.
<b>Foam Water Absorption</b>	100 gr/m <sup>2</sup>	Max.
<b>Foam Compressive Strength</b>	0.5 kgf/cm <sup>2</sup>	Min.