

APAK EPS R40 (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 ²) | Foam Multiple | Foam Density (g/L) | Usage |
|-------|----------------|--|---------------|--------------------|----------------------------------|
| R 40 | 1.9- 2.5 | 11 | 60- 75 | 5- 15 | Insulation, big packing products |

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