

COLORED STYREX® EPS Grades

(Technical Data Sheet rev. 01)



Description

Synbra Technology has developed a range of through and through colored EPS granulate which combines excellent insulation properties with strong bright colours. It is particularly suited as a base material for moulding housings for appliances, helmets, fish boxes and horticultural and food packaging.

PROPERTIES	TEST METHOD	UNITS	SPECIFICATION
Colour and Form			Round -shaped extruded granulate in colours black, grey, orange and green. Other colors can be produced on demand. Small variations in color between different batches are possible, also density will influence the color of the final application.
Bulk Density (in octabin/drums)	ISO 1183	g/cm ³	0,66
Pentane Content		%	> 4,5%
Moisture absorption		%	< 0,3%
Compressive strength		kPa	20 kg/m ³ - 110 kPa 25 kg/m ³ - 140 kPa
Size 90% range between	Sieving	mm	COLOR X08 types 0.6-1.2 mm COLOR X12 types 1.0-1.4 mm
Flame retardancy			Not available in FR type
Density recommended		kg/m ³	20-100 kg/m ³
Food approval			Black, grey, green meet the EU Regulations Other colors on request Certificates can be made available on request

Coloured EPS has very good dimensional stability and combines high strength with high stiffness.

Coloured EPS is best used in wall thicknesses of 5 mm and higher.

Coloured EPS has excellent cushioning properties, allowing valuable parts to be protected whilst displaying the company house colour

N.B.

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