



Expanded Polystyrene (EPS)

EPS Flame Retardant NON-HBCD	Version: 04 Date of Issue: June 2021
F205	SUHA International L.L.C. +971 (50) 720 9246 www.causticsodaco.com info@causticsodaco.com
Properties	
Bead Size - Diameter	0.9 – 1.3 mm
Blowing Agent – Pentane	5.6 - 7 %
Residual Styrene Monomer	Less than 1000ppm
Moisture Content	Less than 1%
CFC Content	Nil
Flammability	DIN4102 B1, EN ISO 11925-2/ EN 13 501 E
Density	13 – 20 kg/m ³
Application	
SUHA F205 is an EPS class with NON-HBCD flame retardant agent, in accordance with REACH regulations, which can be used in the production of EPS foam, typically in density ranges between 13 - 20 kg/m³, which is suitable for high-quality block molding and thick wall shape molding. SUHA F205, in general, is used in thermal insulation material for construction applications and for construction contour moldings, which require fire classification. - Lower densities can be achieved by multiple expansions.	
Packing Type	
1250kg big bag with an inside gas barrier liner 1000kg big bag with an inside gas barrier liner 750kg big bag with an inside gas barrier liner 1150kg octabins are in preparation	
Storage	
SUHA F205 Should be stored in well-ventilated storage areas with a temperature preferably not exceeding 25°C. It should be protected against unsuitable weather conditions and direct sunlight. Partially used containers should be closed as tightly as the original conditions and should be consumed within a short time. To maintain the expansion potential, it is recommended to use the material within one month after delivery.	