

Typical value for SOLARPOL[®]

Grade : SOLARPOL[®] F-251

Test items	Unit	Typical Value	Remark
Bead Properties			
Bead Size	mm	0.85~1.295	JIS Z 8801
Polystyrene Content	%	93~94	Polymer
Blowing agent Content	%	6~7	Pentane
MV (× 1,000)	-	240~260	Standard of viscosity
Specific Gravity	-	1.03~1.05	-
Pre-Expansion Properties			
Pre-Expansion Density (Max.)	Kgf/cm ²	14	Hyundai-EP Method
Blocking (Max.)	%	0.5	Hyundai-EP Method
Foaming Product Properties			
Water Absorption (Max.)	g/100cm ²	1.0	-
Compressive Strength (Min.)	Kgf/cm ²	0.5	ASTM D 1621
Flammability			
UL Standard	Certified	HF-1	6.0mm specimen

* The above data represents the general specification of Solarpol EPS for customer's reference.