

Cellular Insulation Compounds

Property	Density ¹⁾	MFR ^{1), 2)}	Tensile Strength ³⁾	Elongation at Break ³⁾	Relative permittivity ⁴⁾ (1MHz)	Dielectric dissipation Factor ⁴⁾ (1MHz)	Designed Expansion Rate	Application	Description
Method	ISO 1183-2	ISO 1133-1	ISO 37	ISO 37	IEC 60250	IEC 60250	NUC Method		
unit	kg/m ³	g/10min	MPa	%	-	-	%		
Grade									
DFDJ-4960IE	922	2.0	13	650	2.28	0.0001	50	Foamed Insulation for Telephone Cable and CATV Cable Insulation	Provides very fine uniform isolated cells and a foamed insulation with a little attenuation. Excellent extrudability. Rate of change of the capacitance is small throughout the cable full length.
DGDJ-3485	950	0.8	10	290	2.34	0.0003	40	Telephone Insulation/Foam Layer	Provides extremely thin thickness foamed insulation on a fine wire with high speed processing. Excellent stable extruding and thermal stability.

1) Measured at base resin

2) Measured at 190°C, 21.18N

3) Molding condition: compression 2mm sheet, Test pieces: ISO 37 type 1A, Test speed: 500mm/min

4) The value at solid, Test method: Liquid replacement, 23°C

Note • The values are dependent upon using the testing method as indicated and are offered herein as a guide in the use of compound.