

Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Volume Resistivity			ASTM D991
73°F (23°C)	25 ohms-cm	25 ohms-cm	
194°F (90°C)	50 ohms-cm	50 ohms-cm	

Additional Information

Nominal property values above represent tests on molded, stress-relieved slabs. Cure times were 15 minutes at 175°C.

Figure 1: Low-Temperature Properties - Notched LTB (50% Failure)

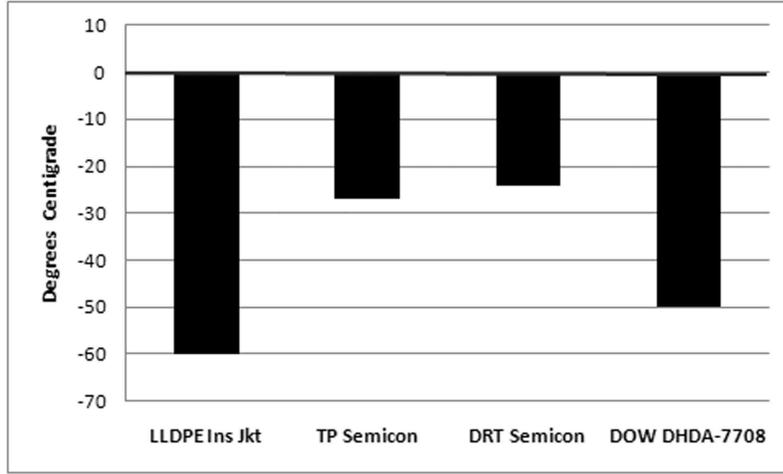


Figure 2: Moisture Vapor Transmission - ASTM E 96 (100°F [38°C], 90% RH)

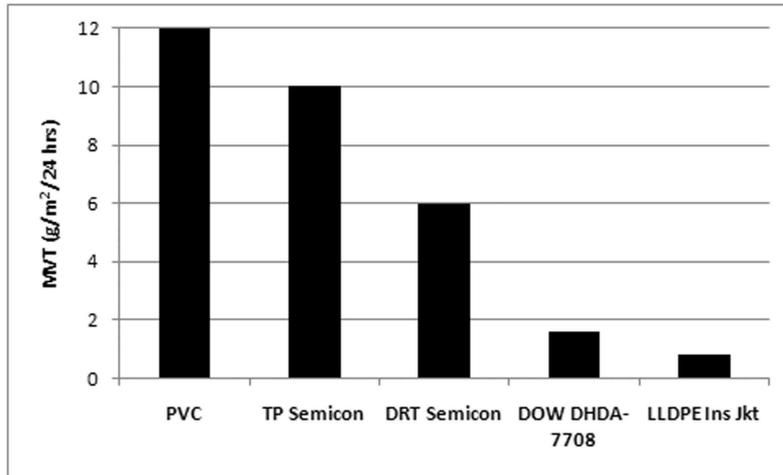


Figure 3: Abrasion Resistance - ASTM 1242 (% Weight Loss/500 Cycles)

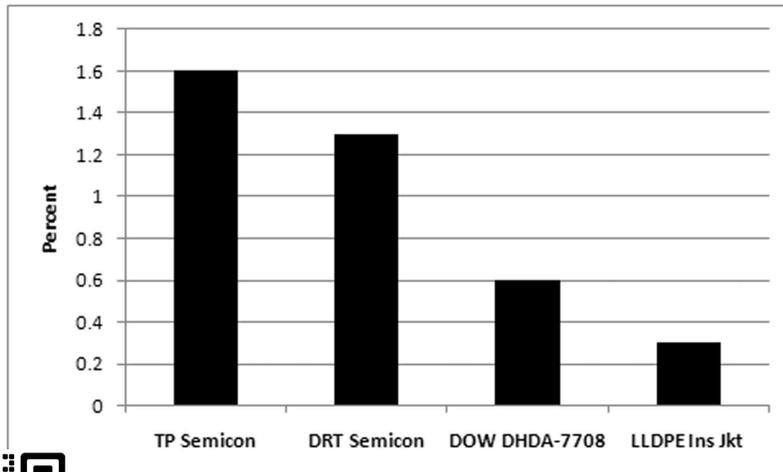
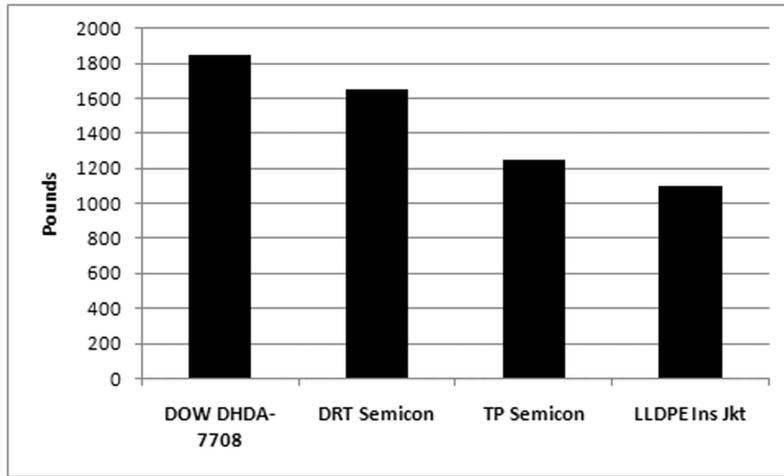


Figure 4: Cut-Through Resistance



Extrusion	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	154 to 176 °F	68 to 80 °C
Drying Time	2.0 to 4.0 hr	2.0 to 4.0 hr
Melt Temperature	424 to 475 °F	218 to 246 °C

Extrusion Notes

For optimum extrusion results with DOW ENDURANCE™ DHDA-7708 BK, use melt extrusion temperatures in the 425 to 475°F (218 to 246°C) range. Optimum radial resistivity results have been obtained by maximizing the air gap (distance from extrusion die to cooling water). Specific processing conditions can be determined only by trial on individual equipment. Pre-extrusion dehumidified hopper drying for 2 to 4 hours in the range of 155 to 175°F (68 to 80°C) to remove moisture is recommended.

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ F50

² Notched

³ plaque

