

TYPICAL PROPERTIES OF
PLASTAZOTE® LD45FR

POLYMER

CROSSLINKED POLYETHELENE

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	TYPICAL PROPERTY
DENSITY	ISO 7214	pcf Kg/m ³	2.8 45
COMPRESSION DEFLECTION 25%	ISO 7214	psi kPa	12.5 86
COMPRESSION DEFLECTION 50%	ISO 7214	psi kPa	23 159
TENSILE STRENGTH	ISO 7214	Psi kPa	63.1 435
ELONGATION	ISO 7214	%	180
TEAR STRENGTH	ISO 8067	lb/in N/m	6.85 1200
COMPRESSION SET 50%	ISO 7214	%	11

FLAMMABILITY SPECIFICATIONS	
FMVSS-302.....	PASS .078" or Thicker
FAR 25.853 F Part 1 (a)(1)(ii)	PASS
UL94 HF1.....	PASS .118" - .511"
DIN 4102 PT14 - B1.....	PASS .236" - .787"
ISO 7214.....	0" / min
ADDITIONAL INFORMATION	
Service Temperature	-94°F to 221°F
Thermal Conductivity	.291 Btu-in/hr-Ft ² -°F

For updates to this document, please refer to our website or contact customer service.

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

P.O. BOX 2965 HUNTINGTON, WEST VIRGINIA 25728
TELEPHONE (304) 525-3116 • FAX (304) 523-4316
WWW.RUBBERLITE.COM

Issue Date: 3/5/12