

DuPont™ Kalrez® LS205

Perfluoroelastomer Parts

Technical Information — Preliminary Product Datasheet

Product Description

DuPont™ Kalrez® LS205 perfluoroelastomer parts are a white product for use in food handling and pharmaceutical applications where FDA compliance is required. Kalrez® LS205 parts provide superior chemical resistance and low extractables in demanding applications. This product is well suited for custom parts and other non O-ring applications. A maximum continuous service temperature of 225 °C (437 °F) is suggested.

Typical Physical Properties¹

Color	White
Maximum Application Temperature ² , °C (°F)	225 (437)
Durometer, Shore A ³	75
100% Modulus, MPa (psi)	7.57(1099.19)
Tensile Strength at Break ⁴ , MPa (psi)	21.11 (3062.31)
Elongation at Break ⁴ , %	170
Compression Set ⁵ , Pellet, 70 hr at 204 °C (400 °F)	21

¹ Not to be used for specification purposes

² DuPont proprietary test method

³ ASTM D2240 (plied sheet test specimen)

⁴ ASTM D412, 500 mm/min

⁵ ASTM D395B



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Caution: Do not use in medical applications involving permanent implantation in the human body. For other medical applications, discuss with your DuPont customer service representative and read Medical Caution Statement H-50103-3.

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