

DuPont™ Kalrez® LS205

Perfluoroelastomer Parts

Technical Information — March 2018

Product Description

DuPont™ Kalrez® LS205 perfluoroelastomer parts are a white product for use in food handling and pharmaceutical applications where FDA and USP <87> & <88> Class VI @ 121°C 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 application 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	74
100% Modulus ⁴ , MPa (psi)	6.42 (931)
Tensile Strength at Break ⁴ , MPa (psi)	20.34 (2951)
Elongation at Break ⁴ , %	185
Compression Set ⁵ , Pellet, 70 hr at 204 °C (400 °F)	20

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

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