

JEPDM 133

It is a black Ethylene Propylene Rubber, commonly referred to as EPDM.

This material is often used in hot water steam applications and fire resistant fluids using synthetic oils.

EPDM materials are also used in bases, acids and alcohols.

It is also used for EPDM brake fluids. It is not resistant to mineral, vegetable and animal oils.

PHYSICAL PROPERTIES

Working Temperature Celcius -45 to +120 Density DIN 53479 g / cm³ 1.16 ± 0.03

Hardness DIN53505 23 ° C Shore A 85 ± 5 Tensile Strength DIN 53504 N / mm² 20.9

Elongation at Tear DIN 53504 110% Tear Strength ISO 34-1 BN / m 3,6

Resilience DIN 53512 47% Compression DIN 53515 6.9% (24h, 70 ° C, 25%)

Compression DIN 53515 5.6% (24h, 100 ° C, 25 %)

CHEMICAL PROPERTIES

Areas with Chemical Resistance Water up to 90 ° C, Hfc, Hfd-R liquids, ozone, oxygen, alcohols, ketones, Esters, air up to 100 ° C

Non Chemical Resistant Areas Steam 180 ° C , HFA, HFB, Hfd-S liquids, Mineral oils, vegetable oils, Biodegradable oils, fuels, 150 ° C air