

Oldrati's special Anti Explosive Decompression compounds for Orings

Polymer base	Oldrati compound name	Hardness (Shore A)	AED Qualification reference	Notes	Working Temperature range
FKM type Viton A	OLD EDA 90N	85 ÷ 90	Internal/Customer qualification	Bisphenol cured; High Temperature/ general chemical resistance service	from -20°C (-25°C peak) up to +230°C/ +250°C (+275°C peak)
FKM type Viton A	OLD EDA 95N	90 ÷ 95	NORSOK M-710 / Part B	Bisphenol cured; High Temperature/ general chemical resistance service	from -20°C (-25°C peak) up to +230°C/ +250°C (+275°C peak)
FKM type Viton A	OLD EDA 98N	95 ÷ 98	Internal/Customer qualification	Bisphenol cured; High Temperature/ general chemical resistance service	from -20°C (-25°C peak) up to +230°C/ +250°C (+275°C peak)
FKM type Viton B	OLD EDB 90N	85 ÷ 90	Internal/Customer qualification	Bisphenol cured; High Temperature/ good chemical resistance service	from -15°C (-20°C peak) up to +220°C/ +230°C (+250°C peak)
FKM type Viton B	OLD EDB 95N	90 ÷ 95	NORSOK M-710 / Part B	Bisphenol cured; High Temperature/ good chemical resistance service	from -15°C (-20°C peak) up to +220°C/ +230°C (+250°C peak)
FKM type Viton B	OLD EDB 98N	95 ÷ 98	Internal/Customer qualification	Bisphenol cured; High Temperature/ good chemical resistance service	from -15°C (-20°C peak) up to +220°C/ +230°C (+250°C peak)
FKM type Viton GF	OLD EDFP 95N	90 ÷ 95	Total GS PVV 142 03/01	Peroxide cured; High Temperature/special chemical resistance service	from -15°C (-20°C peak) up to +220°C/ +230°C (+250°C peak)
FKM type Viton GLT	OLD EDG 90N	85 ÷ 90	NORSOK M-710 / Part B; Statoil ED Test	Peroxide cured; Low Temperature service	from -35°C (-40°C peak) up to +180°C/ +200°C (+220°C peak)
FKM type Viton GLT	OLD EDG 95N	90 ÷ 95	Total GS PVV 142 03/01; NORSOK M-710 / Part B; Shell MESC SPE; Statoil ED Test Additional qualification in corrosive environment according to: NORSOK M-710 / Part A; NACE TM0187	Peroxide cured; Low Temperature service	from -35°C (-40°C peak) up to +180°C/ +200°C (+220°C peak)

Polymer base	Oldrati compound name	Hardness (Shore A)	AED Qualification reference	Notes	Working Temperature range
FKM type Viton GLT	OLD EDG 98N	95 ÷ 98	Internal/Customer qualification	Peroxide cured; Low Temperature service	from -35°C (-40°C peak) up to +180°C/ +200°C (+220°C peak)
FKM type Viton GLT New generation	OLD EDGL 95N	90 ÷ 95	in progress	Peroxide cured; Very low Temperature service	from -40°C (-45°C peak) up to +180°C/ +200°C (+220°C peak)
HNBR	OLD EDNHP 90N	85 ÷ 90	Total GS PVV 142 03/01; NORSOK M-710 / Part B; Ras Gas Requirement <u>Additional qualification in corrosive environment according to:</u> NORSOK M-710 / Part A; NACE TM0187	Peroxide cured; High Temperature service	from -25°C (-30°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHP 95N	90 ÷ 95	Internal/Customer qualification	Peroxide cured; High Temperature service	from -25°C (-30°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHP 98N	95 ÷ 98	Internal/Customer qualification	Peroxide cured; High Temperature service	from -25°C (-30°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHPL 90N	85 ÷ 90	Internal/Customer qualification	Peroxide cured; Low Temperature service	from -40°C (-45°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHPL 95N	90 ÷ 95	Internal/Customer qualification	Peroxide cured; Low Temperature service	from -40°C (-45°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHPL 98N	95 ÷ 98	Internal/Customer qualification	Peroxide cured; Low Temperature service	from -40°C (-45°C peak) up to +150°C/ +160°C (+180°C peak)
HNBR	OLD EDNHPVL 95N	85 ÷ 90	in progress	Peroxide cured; Very low Temperature service	from -45°C (-50°C peak) up to +150°C/ +160°C (+180°C peak)

Polymer base	Oldrati compound name	Hardness (Shore A)	Notes	Working Temperature range
NBR	OLD N 90N	85 ÷ 90	Sulphur cured; Standard grade	from -30°C (-35°C peak) up to +100°C/+110°C (+120°C peak)
NBR	OLD N 95N	90 ÷ 95	Sulphur cured; Standard grade	from -30°C (-35°C peak) up to +100°C/+110°C (+120°C peak)
NBR	OLD N 98N	95 ÷ 98	Sulphur cured; Standard grade	from -30°C (-35°C peak) up to +100°C/+110°C (+120°C peak)
CR	OLD CP 75N	70 ÷ 75		from -40°C (-45°C peak) up to +100°C (+120°C peak)
CR	OLD CP 75B	70 ÷ 75	White colour	from -40°C (-45°C peak) up to +100°C (+120°C peak)
CR	OLD CP 80N	75 ÷ 80		from -40°C (-45°C peak) up to +100°C (+120°C peak)
ECO	OLD EH 95N	90 ÷ 95		from -40°C (-45°C peak) up to +130°C/+140°C (+150°C peak)
ECO	OLD EH 98N	95 ÷ 98		from -40°C (-45°C peak) up to +130°C/+140°C (+150°C peak)
FVMQ	OLD FSL 85B	80 ÷ 85	Blue colour	from -50°C (-55°C peak) up to +180°C/+190°C (+200°C peak)