

Physical Properties	Unit	Test method	54660	58213	58437	58271	58206	58447	58277	58201	58300	58315	58887
			ester	ester	ester	ester	ester	ester	ester	ether	ether	ether	ether
Hardness	Shore	ISO 868	A/1: 76 D/1: -	A/1: 76 D/1: -	A/1: 86 D/1: -	A/1: 86 A D/1: -	A/1: 87 D/1: -	A/1: 90 D/1: 44	A/1: 93 D/1: 49	A/1: 82 D/1: -	A/1: 83 D/1: -	A/1: 85 D/1: -	A/1: 88 D/1: -
Specific Gravity	g/cm ³	ISO 2781	1.19	1.18	1.18	1.19	1.20	1.19	1.19	1.11	1.10	1.12	1.13
Tensile Strength at Tensile stress at	MPa	ISO 527-3/5/500	23	25	39	42	46	46	47	39	28	37	42
50% elongation	MPa		1.5	2.7	5.1	5.1	4.6	7.0	8.9	3.8	4.1	5.0	6.0
100% elongation	MPa		1.9	3.2	5.8	6.0	5.0	8.0	10.0	4.6	5.4	6.0	7.0
300% elongation	MPa		3.4	4.9	10.6	8.0	9.0	14.5	17.4	7.1	8.3	9.0	11.3
Elongation at break	%		840	700	540	650	600	540	550	680	725	650	530
Tear Strength nicked	kN/m	ISO 34-1B	40	45	60	60	70	85	100	45	50	55	65
Abrasion Resistance	mm ³	ISO 4649-B	25	49	35	70	35	40	55	45	70	35	40
Vicat Softening Point	°C	ISO 306 (A50)	45	45	75	58	75	95	74	60	60	73	79
Kofler Melting Point	°C	Lubrizol	127	90	165	120	90	170	150	125	140	150	155
Special Features			Soft Elastic	Adhesive				High Heat			UV	UV	UV

Extruded strips; 1 mm thickness

Please be aware that listed values are "typical (average) values" and should / can not be applied for specification purposes.

September, 2010

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