

Physical Properties	Unit	Test method	58881	58300	58214	58315	58311	58887	58888	APT88AT3	58889	58212
			ether	ether	ether	ether	ether	ether	ether	ether	ether	ether
Hardness	Shore	ISO 868	A/1: 80 D/1: -	A/1: 83 D/1: -	A/1: 85 D/1: -	A/1: 85 D/1: -	A/1: 87 D/1: -	A/1: 88 D/1: -	A/1: 88 D/1: -	A/1: 88 D/1: -	A/1: 89 D/1: -	A/1: 94 D/1: 42
Specific Gravity	g/cm ³	ISO 2781	1.10	1.10	1.11	1.12	1.12	1.13	1.13	1.15	1.12	1.15
Tensile Strength at break	MPa	ISO 37	23	28	35	37	42	42	38	48	54	36
Tensile stress at		ISO 527-3/5/500										
50% elongation	MPa		3.5	4.1	5.0	5.0	4.9	6.0	5.5	6.5	6.0	10.0
100% elongation	MPa		4.5	5.4	6.0	6.0	5.9	7.0	6.4	8.2	7.2	11.4
300% elongation	MPa		6.6	8.3	9.0	9.0	9.1	11.3	9.7	17.5	13.5	18.4
Elongation at break	%		810	725	650	650	655	600	640	470	535	530
Tear Strength nicked	kN/m	ISO 34-1B	35	50	55	55	55	65	60	51	62	95
Abrasion Resistance	mm ³	ISO 4649-B	90	70	45	35	35	40	45	61	55	40
Vicat Softening Point	°C	ISO 306 (A50)	60	60	67	73	73	79	80	87	80	80
Brittle Point	°C	ISO 812	-65	-65	-65	-65	-65	-65	-65	-65	-65	-65
Special Features			Low Temp Flex	Low Temp Flex	Low Friction	UV	High Heat	UV	High Heat	High Heat	Low Gloss	UV

Extruded strips; 1 mm thickness; postcured 16 hrs at 80 °C.

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

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