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Product Information S.O.E.™

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Table of S.O.E.™ Grades and Properties

S.O.E.™ Grades and Properties

Grade No.				L604	L605	L606	L609	L611
				Trial Grade				
Property	Test method	Test condition	Units	Non-oil extended				
Peak temp. of tanδ				15°C	15°C	-13°C	19°C	9°C
Density	ISO 1183	-	g/cm ³	0.99	1.00	0.96	1.00	1.02
MFR	ISO1133	230°C, 2.16kgf	g/10min	4.5	3.5	2.9	-	-
		190°C, 2.16kgf	g/10min	-	-	-	2.5	5.4
Hardness (sec.)	ISO 7619	Durometer Type A	-	75°	87°	67°	-	71°
Hardness (after 10 sec.)	ISO 7619	Durometer Type A	-	64°	67°	62°	61°	54°
100% tensile stress	ISO 37	Dumbbell: Type A	MPa	-	3.5	1.8	2.0	2.0
200% tensile stress			MPa	-	6.8	2.5	-	-
300% tensile stress			MPa	11.9	12.6	3.6	4.0	4.0
Tensile strength			MPa	34.5	32.3	20.0	26.0	23.0
Elongation			%	390	460	490	640	600
Dunlop rebound resilience	BS 903	23°C	%	-	4	65	5	5
Product form				Pellet	Pellet	Pellet	Pellet	Pellet

Please note that all data and values are given as typical results obtained with the indicated test methods for purposes of basic reference in grade selection only, and not as any product specification or warranty of any nature, and are subject to change without notice.

Note: Products shown above are trial grades under development. Thus, their specifications may be changed without notice, and they may not be commercialized