

Product Information Tuftec™

December 16, 2009

Table of Tuftec™ Trial Grades and Properties

Tuftec™ hydrogenated styrenic thermoplastic elastomers							
Grade No.				L517	N502	N504	JT83
Property	Test method	Test condition	Units	-	Acid modified	-	-
Specific gravity	ISO 1183	-	-	0.93	0.91	0.91	0.89
Acid Number	Titration method	-	mgCH ₃ ONa/g	-	1.0	-	-
MFR	ISO 1133	230°C, 2.16 kgf	g/10 min	5	1	*1)	-
		190°C, 2.16 kgf	g/10 min	-	-	-	3
Hardness	ISO 7619	Durometer Type A	-	92	90	-	56
Tensile strength	ISO 37	#3 dumbbell, 500 mm/min	MPa	16	32	-	9
Elongation			%	780	620	-	700
300% tensile stress			MPa	7.6	5.6	-	3
S/EB ratio	Asahi Kasei method	-	wt%	43/57	30/70	30/70	20/80
Product form				Pellet	Pellet	Crumb	Pellet

*1 Unmeasurable

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