



# Cervellati

S.r.l.



## INDUSTRIA LAVORAZIONE GOMMA

<b>POLYURETHANE POLYESTER Code 535</b>						
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Hardness	Härte	Sh°A	75 +/-3	80 +/-3	85 +/-3	92 +/-3
Hardness	Härte	Sh°D	26 +/-3	33 +/-3	38 +/-3	44 +/-3
Tg (Glass Transition)	Tg (Glasigen Übergangs)	°C	-27.0	-25.0	-25.0	-23.0
<b>ASTM D412</b>						
Modulus 50%	Modul 50%	N/mm <sup>2</sup> (MPa)	3.0	4.0	5.5	10.5
Modulus 100%	Modul 100%	N/mm <sup>2</sup> (MPa)	4.0	5.0	7.5	12.0
Modulus 200%	Modul 200%	N/mm <sup>2</sup> (MPa)	7.0	9.0	11.5	15.0
Modulus 300%	Modul 300%	N/mm <sup>2</sup> (MPa)	11.0	13.0	18.0	22.0
Tensile strength	Festigkeitsgrenze	N/mm <sup>2</sup> (MPa)	32.0	35.0	38.0	43.0
Elongation	Dehnung	%	510	500	500	490
<b>ASTM D624</b>						
Tear resistance (DIE B)	Reißfestigkeit (DIE B)	KN/m	48.0	50.0	70.0	95.0
Tear resistance (DIE C)	Reißfestigkeit (DIE C)	KN/m	45.0	48.0	68.0	92.0
Split resistance-Trouser	Split resistance-Trouser	KN/m	15.0	17.5	21.0	30.0
<b>ASTM D2632</b>						
Resilience	Abhärtung	%	50	47	44	40
<b>DIN 53516</b>						
Abrasion resistance	Abriebfestigkeit	mg	75.0	80.0	80.0	85.0
Abrasion resistance	Abriebfestigkeit	mm <sup>3</sup>	60.0	64.0	64.0	68.0