



# Cervellati

S.r.l.



## INDUSTRIA LAVORAZIONE GOMMA

POLYURETHANE POLYESTER Code 209				
POLYURETHAN POLYESTER Code 209				
Hardness	Härte	Sh°A		93 +/-3
Hardness	Härte	Sh°A		47 +/-3
Tg (Glass Transition)	Tg (Glasigen Übergangs)	°C		-28.0
tan d 25°C	tan d 25°C			1.4 x 10 <sup>-1</sup>
ASTM D412			ASTM D412	ASTM D412
			Speed: 100 mm/min	Speed: 500 mm/min
Modulus 50%	Modul 50%	N/mm <sup>2</sup> (MPa)	8.5	9.0
Modulus 100%	Modul 100%	N/mm <sup>2</sup> (MPa)	11.5	11.5
Modulus 200%	Modul 200%	N/mm <sup>2</sup> (MPa)	19.0	16.5
Modulus 300%	Modul 300%	N/mm <sup>2</sup> (MPa)	31.0	24.0
Tensile strength	Festigkeitsgrenze	N/mm <sup>2</sup> (MPa)	56.5	45.0
Elongation	Dehnung	%	460	490
ASTM D624			ASTM D624	ASTM D624
			Speed: 100 mm/min	Speed: 500 mm/min
Tear resistance (DIE B)	Reißfestigkeit (DIE B)	KN/m	103.5	104.5
Tear resistance (DIE C)	Reißfestigkeit (DIE C)	KN/m	102.5	101.0
DIN 53516				
Abrasion resistance	Abriebfestigkeit	mg		55 +/-5
Abrasion resistance	Abriebfestigkeit	mm <sup>3</sup>		65 +/-5