

Castable Polyurethane - CPU						
Manufacturer : Mitsui Chemicals Brand Name : Takenate & Hiprene						
Type		PTMEG/MOCA			PPG/MOCA	
Properties	Unit	Takenate L2785R	Takenate L2710R	Takenate L2760R	Hiprene U36R	Hiprene U41R
NCO %	%	3.20	4.21	6.33	4.20-4.60	5.60-6.00
Viscosity	mPa s@80°C	2500	800	350	350-700	350-650
Hardness	Shore A	85	92	97	90	97
100% Modulus	MPa	5.4	8.8	14.3	7.4	14.5
300% Modulus	MPa	10.0	16.5	30.2	13.7	26.5
Tensile Strength	MPa	31	33	48	23	33.5
Elongation	%	480	400	370	510	370
Tear Strength	N/mm	75	96	113	65	104
Compression Set (70°C, 22h)	%	13	26	26	28	34
Impact Resilience	%	55	52	48	47	36
Abrasion Loss		22	25	43		