



TOWNSEND CHEMICALS PTY LTD

ABN 26 005 074 073

TEL: (61 3) 9793 6000

FAX: (61 3) 9794 0723

Email: customerservice@townsendchem.com.au

Web: www.townsendchem.com.au

RE-FLEX®

THERMOPLASTIC POLYURETHANES FOR INJECTION MOULDING

Grade Code	Hardness	Tensile Strength at Break (kg/cm ²)	Elongation at Break (%)	Tear Strength (kN/m)	Abrasion Resistance (mm ³)	Specific Gravity (g/cm ³)
------------	----------	-------------------------------------------------	-------------------------	----------------------	----------------------------------------	---------------------------------------

Polyester Based TPU

RE-FLEX 780AJLM	80 Shore A	460	685	112	13	1.19
RE-FLEX 885AJL	85 Shore A	450	700	115	19	1.20
RE-FLEX 790AJL	90 Shore A	480	585	120	24	1.22
RE-FLEX 750DJL	50 Shore D	500	545	125	29	1.22
RE-FLEX 757D	57 Shore D	565	465	147	32	1.23
RE-FLEX 760DJU	60 Shore D	565	460	140	35	1.25
RE-FLEX 765D	65 Shore D	555	460	168	29	1.25

Polyether Based TPU

RE-FLEX 470A	70 Shore A	270	855	76	36	1.08
RE-FLEX 1588AJL	86 Shore A	405	630	90	18	1.11
RE-FLEX 1592AJL	92 Shore A	485	560	95	24	1.13
RE-FLEX 595AJ	95 Shore A	485	535	115	32	1.14
RE-FLEX 550D	50 Shore D	530	475	140	35	1.15
RE-FLEX 560D	60 Shore D	555	420	160	38	1.17
RE-FLEX 574D	74 Shore D	560	395	180	41	1.19

❖ These are typical properties and should not be used for establishing specifications

• For individual data sheets or information on other available grades, please contact our Customer Service customerservice@townsendchem.com.au

Except as provided above, all expressed and applied warranties, guarantees and conditions said to arise in respect of information supplied by Townsend Chemicals Pty.Ltd. or otherwise under statute or general law as to merchantability, description, quality, suitability or fitness of the goods for any purpose or as to design, assembly, installation, materials or workmanship or otherwise are hereby expressly excluded and Townsend Chemicals Pty.Ltd shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, preparation, production, installation, performance or operation of the goods or arising out of Townsend Chemicals Pty.Ltd.'s negligence or in any way whatsoever. The liability of Townsend Chemicals Pty.Ltd. for a breach of a condition or warranty implied by Div.2 of Pt. V of the trade practices Act 1974 is not excluded or restricted but is (other than S 69) hereby limited to: (a) the replacement of the goods or the supply of equivalent goods.(b) the repair of goods. (c) the payment of the cost of replacing the goods or of acquiring equivalent goods. (d) the payment of the cost of having the goods repaired. Freedom from patent rights must not be assumed.