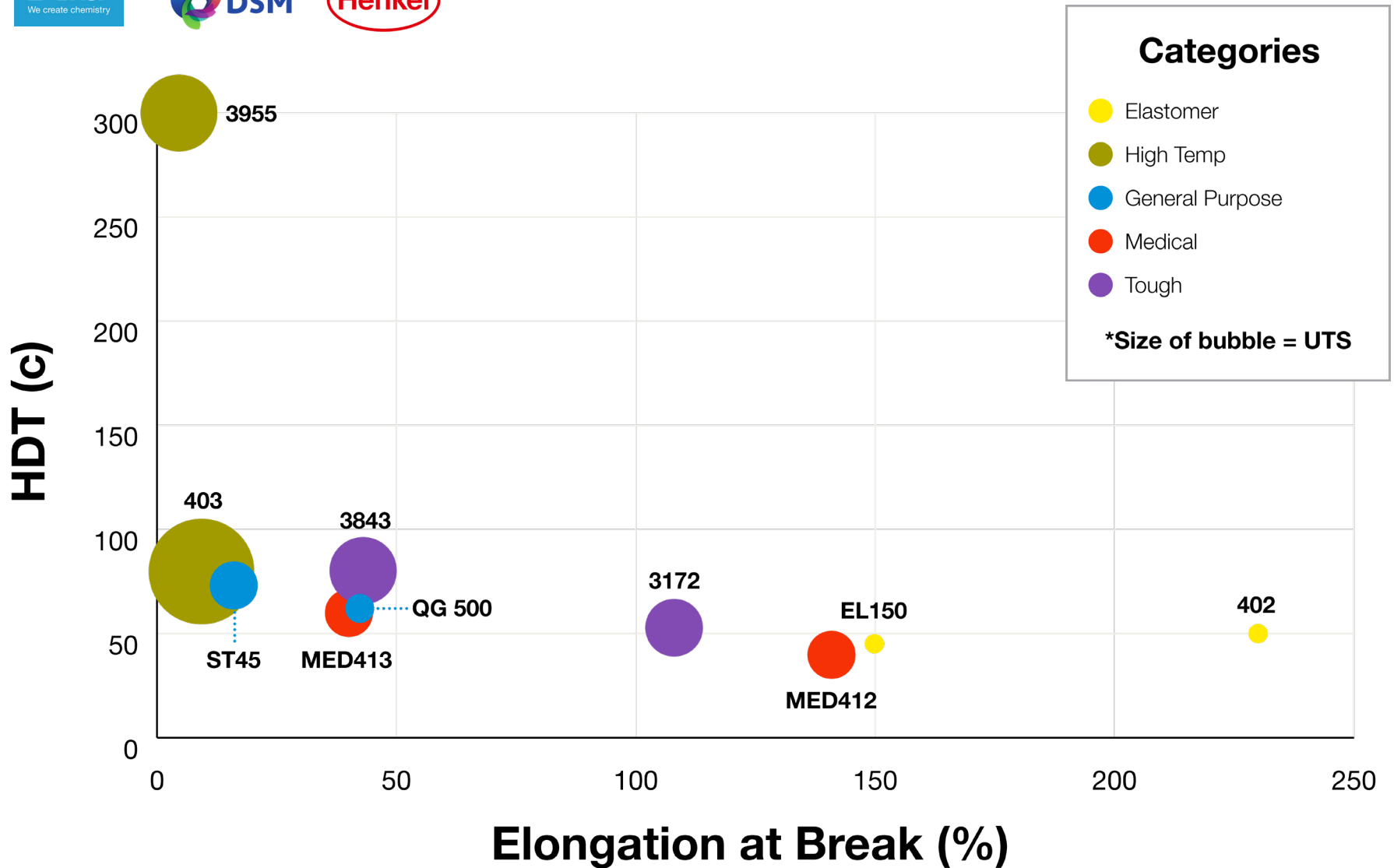


Origin[®] One Featured Materials Overview



Material Name	Description	Categories	Ultimate Tensile Strength	Elongation at Break	Tensile Modulus	HDT	Notched Izod Impact	Colors	Consider Replacing	Partner Page
3955	Very high temperature, high stiffness FST	●	66.7 MPa	2.10%	3556 MPa	> 300° C	18 J/m	Black	Ultem, Phenolic, PBT, Aluminum	LOCTITE AM
403	High strength, stiffness, and good HDT	●	91 MPa	9%	2750 MPa	80° C	32 J/m	Black	Nylon 6/6	LOCTITE AM
3843	Versatile, good all-around engineering polymer	●	52.9 MPa	43%	1806 MPa	80° C	52.6 J/m	Black, Clear, White	ABS, Delrin, Polypropylene	LOCTITE AM
3172	Moderately flexible, ductile, great impact strength	●	49.5 MPa	108%	1385 MPa	52° C	75 J/m	Cyan, Grey	Impact Modified Polypropylene, Nylon 6, HDPE	LOCTITE AM
ST45	Versatile, good all-around engineering polymer	●	55 MPa	16%	2000 MPa	73° C	36 J/m	Black, Clear	ABS, Delrin	BASF Forward AM
QG 500	Uniquely flexible engineering material with great impact strength	●	20 MPa	42%	465 MPa	62° C	70 J/m	Clear	LDPE	DSM Somos
402	TPU-like elastomer with good tear strength and elongation at break	●	5.5 MPa	230%	42 MPa	n/a	n/a	Black	70-90A TPU, flexible foam	LOCTITE AM
EL150	Soft TPU-like elastomer	●	6 MPa	150%	27 MPa	45° C	n/a	Clear	70-80A TPU, flexible foam	BASF Forward AM
MED412	Moderately flexible, ductile, great impact strength	●	38 MPa	141%	1245 MPa	40° C	49.7 J/m	Clear	Medical-grade Polypropylene	LOCTITE AM
MED413	Versatile engineering medical grade material	●	40 MPa	40%	1750 MPa	60° C	65 J/m	Clear, White	Medical-grade ABS	LOCTITE AM

Categories: ● Elastomer ● High Temp ● General Purpose ● Medical ● Tough