



# NEUSoft™ Thermoplastic Polyurethanes

Product of NEU Specialty Engineered Materials, LLC

	NEUSoft™ UR842A	NEUSoft™ UR852A	NEUSoft™ UR862A	NEUSoft™ UR873A
<b>Product Code</b>	EM10038394SS	EM10038412SS	EM10038413SS	EM10038415SS
<b>Base Resin</b>	TPU	TPU	TPU	TPU
<b>Color</b>	Natural	Natural	Natural	Natural
<b>Hardness</b>	42	52	62	73
<b>Specific Gravity</b>	0.96	0.98	1.01	1.04
<b>Compression Set</b>	17	16	16	23
<b>Tensile Strength @ 50% (psi)</b>	130	185	265	455
<b>Tensile Strength @ 100% (psi)</b>	185	257	364	594
<b>Tensile Strength @ 200% (psi)</b>	305	392	532	830
<b>Tensile Strength @ Break</b>	990	1367	1849	2509
<b>Elongation</b>	501	575	626	542
<b>Tear Resistance</b>	120	164	234	319
<b>Melt Index 190C/8.7kg</b>	2	4	9	13
<b>ISO 10993</b>	✓	✓	✓	✓
<b>USP VI</b>	✓	✓	✓	✓

NEUSoft™ polymers are available in standard durometers from 42A to 73A with options to extend the performance through customization to desired specifications.

**To learn more about Avient NEU healthcare solutions,  
contact us at +1.844.4AVIENT (1.844.428.4368).**

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