

| | | Simulates | Colour | Pigment-able | Shore Hardness @ 23°C | Flexural Strength (MPa) | Flexural Modulus (MPa) | Tensile Strength (MPa) | Tensile Modulus (MPa) | Elongation @ Break (%) | Heat Deflection Temp. (°C) | Specialist Properties |
|---|----------------------|---------------|--------------------|--------------|-----------------------|-------------------------|------------------------|------------------------|-----------------------|------------------------|----------------------------|--|
| Engineered Materials – Rigid & Semi Rigid | SG95 | ABS | Transparent | Yes | 82D | 88.6 | 2195 | 2521 | 54 | 12 | 72 (°C) | Optical Properties. |
| | PX 225 OP | ABS/PC | Opalescent | Yes | 85D | 110 | 2500 | 70 | - | 9 | - | Opalescent Thermoplastic |
| | PR 403 | PS/HDPE | White | Yes | 74D | 65 | 1700 | 47 | 4850 | 6 | 75 | Polystyrene Shock Prototype Parts |
| | F180 | ABS | Beige | Colour Dep. | 74D | 34 | - | - | - | 15 | - | Good Impact Resistance |
| | PX 205 | HDPE | Cream/Beige | Colour Dep. | 70D | 30 | 500 | 25 | 530 | 100 | 55 | Unbreakable Hinge |
| | 8040 | PP | White Transparent | Yes | 70D | 42 | 1050 | 27 | 942 | 50 | 65 | |
| Specialist Materials | VC 3398 | ABS/PC | Clear | Yes | 85-90D | 70-75 | 1500-2000 | 58-63 | - | 6-7 | 130-140 | Water Clear Thermoplastic |
| | PX 5212 | PC | Water Clear | Yes | 85D | 110 | 2400 | 66 | 2400 | 7.5 | 85 | Water Clear up to 10mm Thickness, UV Stable |
| | PX 5211 | PMMA | Water Clear | Yes | 85D | 100 | 200 | 65 | 2200 | 7 | 85 | Water Clear up to 50mm Thickness, UV Stable |
| | PX 330 | ABS | Off White | Yes | 87D | 126 | 3400 | 70 | 4000 | 3.0 | - | Flame Retardant – UL94 V-0 |
| | 8060 HT | PP/PE | Translucent Yellow | Colour Dep. | 80D | 60 | 1310 | 47 | 1225 | 43 | 105-175 | High Thermal Resistance |
| | VC3392 | ABS | Amber | Colour Dep. | 80-85D | 80-90 | 1800-2200 | 65-70 | - | 7-10 | 120 | Chemical & Impact Resistance |
| | 9012 | ABS | White | Yes | 77D | 51 | 1310 | 40 | - | 25 | 90 | FDA Food Safe – Wet & Dry |
| Elastomers | F126 | 25A Rubber | Translucent Amber | Colour Dep. | 25A | - | - | 725 | 240 | 1040 | - | Tough, Good Tear Strength, Ideal for Seals and Gaskets |
| | F141 | 40A Rubber | Translucent Amber | Colour Dep. | 40A | - | - | 919 | 203 | 670 | - | Tough, Good Tear Strength, Ideal for Seals and Gaskets |
| | F161 | 60A Rubber | Translucent Amber | Colour Dep. | 60A | - | - | 1133 | 648 | 476 | - | Tough, Good Tear Strength, Ideal for Seals and Gaskets |
| | F181 | 80A Rubber | Translucent Amber | Colour Dep. | 80A | - | - | 5400 | 2360 | 550 | - | Tough, Good Tear Strength, Ideal for Seals and Gaskets |
| | 6130 | 90A Rubber | Translucent White | Yes | 90A | - | - | 16.5 | 64.1 | 200 | - | Thin Wall Sections |
| | UPX 8400 | Rubber | Off White | Yes | 30 – 95A | - | - | 2.1 – 16.2 | - | 390 – 550 | - | Shore 30-95A. High Tear Strength |
| | VC 3342 | 55-60A Rubber | Water Clear | Yes | 55 - 60A | - | - | 1.1 – 1.3 | - | 65-85 | - | Water Clear, UV Stable |
| | VC332 | 60-65A Rubber | Transparent Yellow | Colour Dep. | 60 – 65A | - | - | 6.8 – 8.0 | - | 250 – 350 | - | Excellent Tear Strength |
| Silicon | Essil 291 | 38A Silicone | Transparent | Yes | 38A | - | - | 5 | - | 350 | - | Chemical & Heat Resistance |
| | SortaClear 18 | 18A Silicone | Transparent | Yes | 18A | - | - | 2.93 | - | 545 | - | FDA Compliant |
| | SortaClear 40 | 40A Silicone | Transparent | Yes | 40A | - | - | 5.5 | - | 400 | - | FDA Compliant |