

Catalloy TPO Resins

For Compounders

| Properties | Physical | | Mechanical | | | | | | Thermal | | | Optical | | Specific Properties Features Typical Applications & Technology Features | |
|---------------------------|-----------------|--------------------------|---------------------|-------------------------------|-----------------------------------|-----------------------------------|-----|-----|---------------------|--------------------|------------------------------|---------------------------------|---------------------------|--|--|
| | Density 23°C | MFR 230°C/ 2,16 kg | Flexural Modulus | Tensile Stress at Break | Tensile Elongation at Break | Notched Charpy Impact Strength | | | Shore D Hardness | Tg DMTA | Heat Deflect. Temp. HDT/B | Vicat Softening Temp. 10N | Gloss at 60° 1mm plate | | Tm |
| TEST METHOD | ISO 1183 | ISO 1133 | ISO 527 | ISO 527 | ISO 527 | ISO 179, 1A | | | ISO 868 | Internal Method | ISO 75B-1, -2 (0.45 MPa) | ISO 306/ A50 | ASTM D2457 | ISO 11357-3 | |
| UNIT | g/cm³ | g/10 min | MPa | MPa | % | kJ/m² | | | Points | °C | °C | °C | GU | °C | |
| PP CATALLOY GRADES | | | | | | | | | | | | | | | |
| <i>Softell</i> CA7469A | 0.88 | 0.5 | 130 | 7 | 500 | NB | NB | 80 | 87 (Sh.A) | -40 | 39 | 50 | 36 | 142 | Outstanding softness, low gloss. Extrusion, injection molding, compounds for automotive interiors. |
| <i>Softell</i> CA 02 A | 0.88 | 0.6 | 30 | 10 | 600 | NB | NB | 9 | 75 (Sh.A) | -25 | 38 | 41 | 72 | 142 | Very good impact, supersoft. Extrusion, injection molding, impact modifier for compounds. |
| <i>Hifax</i> CA 10 A | 0.88 | 0.6 | 90 | 11 | 500 | NB | 110 | 5 | 30 | -25 | 40 | 60 | 85 | 142 | High softness, low vicat. Extrusion, softness and impact modifier in automotive compounds. |
| <i>Hifax</i> CA 7441 A | 0.88 | 0.8 | 100 | 12 | 500 | NB | NB | 8 | 30 | -25 | 40 | 57 | 85 | 163 | Combination of excellent thermal properties and flexibility. Extrusion, injection molding, impact modifier for compounds. |
| <i>Hifax</i> CA 12 A | 0.88 | 0.8 | 330 | 13 | 550 | NB | 100 | 100 | 36 | -45 | 50 | 78 | 35 | 163 | Good balance between softness and vicat, low gloss. Extrusion, softness and impact modifier in automotive compounds. |
| <i>Hifax</i> X 1956 A | 0.89 | 0.9 | 800 | 30 | 550 | 95 | 10 | 5 | - | -30 | 70 | 145 | 57 | 163 | Tiger stripes corrector. Extrusion, injection molding. |
| <i>Hiflex</i> CA 7600 A | 0.89 | 2.0 | 180 | 11 | 600 | NB | NB | 110 | 26 | -46 | 45 | 58 | - | 163 | Very low Tg, Good dimensional stability, low gloss. Impact modifier, injection molding and extrusion. |
| <i>Softell</i> CA 7413 A | 0.87 | 2.5 | 30 | 8 | 550 | NB | NB | 8 | 75 (Sh.A) | -25 | 38 | 41 | 85 | 142 | Outstanding softness, high flowability. Extrusion, injection molding, impact modifier for compounds. |
| <i>Hifax</i> CA 7320 A | 0.88 | 2.1 | 200 | 10 | 500 | NB | 100 | 95 | 32 | -40 | 40 | 62 | 85 | 163 | Very good impact, processability. Extrusion, injection molding, impact modifier for compounds. |
| <i>Hifax</i> CA 138 A | 0.88 | 2.8 | 500 | 10 | 400 | - | 100 | 50 | 41 | -45 | 58 | 90 | 20 | 163 | Low-temperature impact modifier, low gloss, good processability. Impact modifier for automotive compounds. |
| <i>Hifax</i> CA 207 A | 0.89 | 7.5 | 550 | 22 | 700 | 65 | 45 | 5 | 46 | -35 | 58 | 94 | 110 | 163 | Impact modifier, low shrinkage, low CLTE, high gloss. Injection molding, impact modifier for compounds. |
| <i>Hifax</i> CA212A | 0.88 | 8 | 80 | 10 | 450 | NB | NB | 4 | 30 | -25 | 40 | 56 | >85 | 142 | High softness and flowability. Injection molding, softness and impact modifier. |
| <i>Hifax</i> CA 7201 A | 0.89 | 12 | 800 | 16 | 500 | 50 | 45 | 10 | 50 | -45 | 65 | 120 | 32 | 163 | Good impact, paintability, processability. Injection molding, impact modifier for auto compounds. |
| <i>Hifax</i> CA7442A | 0.89 | 12 | 1000 | 17 | 550 | 50 | 10 | 5 | - | -48 | 85 | 125 | 55 | 163 | Good impact stiffness balance, very low shrinkage. Injection molding, shrinkage modifier for auto compounds. |
| <i>Hifax</i> CA 7271 A | 0.89 | 11 | 800 | 16 | 600 | 60 | >10 | 6 | 48 | -50 | 65 | 100 | 45 | 163 | Low gloss, CLTE, good paintability. Injection molding, impact modifier for auto compounds. |
| <i>Hifax</i> CA 7378 A | 0.89 | 13 | 1200 | 18 | 600 | 37 | 8 | 5 | - | -50 | 95 | 138 | 70 | 163 | Good impact stiffness balance. Injection molding. |
| <i>Hifax</i> CA 60 A | 0.88 | 15 | 80 | 10 | 400 | NB | NB | 2 | 30 | -25 | 40 | 56 | >85 | 142 | High softness and flowability. Injection molding, impact modifier in automotive compounds. |
| <i>Hifax</i> CA 1133 A | 0.89 | 16 | 900 | 16 | 600 | 42 | 12 | 8 | 54 | -50 | 75 | 130 | 40 | 163 | Good impact, paintability, processability. Injection molding, impact modifier for automotive compounds. |
| <i>Hifax</i> CA 7153 S | 0.9 | 20 | N.A | N.A | N.A | N.A | N.A | N.A | N.A | N.A | N.A | N.A | N.A | 143 | Porous PP. Carrier for liquid additives concentrates. |
| <i>Adflex</i> Z101H | 0.88 | 27 | 80 | 10 | 400 | NB | 92 | 2 | 30 | -25 | 38 | 55 | >85 | 142 | High softness and very high flowability, high filler loading. Softness and impact modifier, color MB carrier, bitumen modification. |
| <i>Adflex</i> X101H | 0.88 | 8 | 100 | N.A | N.A | N.A | NB | N.A | N.A | -25 | N.A | N.A | N.A | 142 | Good chemical resistance, flexibility at low and high temperature. Bitumen modification. |

NB=No Break N.A= Not Applicable

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