

Technical data sheets for Vistamaxx™ performance polymers

| Grade Name | Durometer Hardness | Ethylene Content (wt%) | Flexural Modulus (psi) | Melt Index (g/10 min) | Melt Mass-Flow Rate (g/10 min) | Key Applications |
|--------------------|--------------------|------------------------|------------------------|-----------------------|--------------------------------|--|
| Vistamaxx™ 130 | 21 (Shore C) | 10 | – | – | – | Hot melt adhesives, polymer modification |
| Vistamaxx™ 3000 | 27 (Shore D) | 11 | 9000 (1% Secant) | 3.7 (190° C/2.16 kg) | 8.0 (230° C/2.16 kg) | Blown film, PP/TPO modification, injection molding |
| Vistamaxx™ 3020FL | 29 (Shore D) | 11 | 9500 (1% Secant) | 1.2 (190° C/2.16 kg) | 2.5 (230° C/2.16 kg) | Blown film, compounding, thermoforming |
| Vistamaxx™ 3020MED | 29 (Shore D) | 11 | 9500 (1% Secant) | 1.2 (190° C/2.16 kg) | 2.5 (230° C/2.16 kg) | Blown film, compounding, medical applications |
| Vistamaxx™ 3588FL | 50 (Shore D) | 4 | 58000 (1% Secant) | – | 8.0 (230° C/2.16 kg) | Cast film, flexible food packaging |
| Vistamaxx™ 3588MED | 50 (Shore D) | 4 | 58000 (1% Secant) | – | 8.0 (230° C/2.16 kg) | Cast film, medical packaging |
| Vistamaxx™ 3980FL | 34 (Shore D) | 9 | 17000 (1% Secant) | 3.6 (190° C/2.16 kg) | 8.0 (230° C/2.16 kg) | Blown film, cast film, compounding |
| Vistamaxx™ 6000 | – | – | – | 3.7 (190° C/2.16 kg) | – | Cast stretch film, pallet stretch packaging |
| Vistamaxx™ 6102 | 67 (Shore A) | 16 | 2100 (1% Secant) | 1.4 (190° C/2.16 kg) | 3.0 (230° C/2.16 kg) | Blown film, foamed goods, PP/TPE modification |

| | | | | | | |
|--------------------|--------------|----|------------------|----------------------|----------------------|---|
| Vistamaxx™ 6102FL | 67 (Shore A) | 16 | 2100 (1% Secant) | 1.4 (190° C/2.16 kg) | 3.0 (230° C/2.16 kg) | Blown film, cast film, hygiene products |
| Vistamaxx™ 6202 | 64 (Shore A) | 15 | 1900 (1% Secant) | 9.1 (190° C/2.16 kg) | 20 (230° C/2.16 kg) | Cast film, injection molding, PP/TPE modification |
| Vistamaxx™ 6202FL | 64 (Shore A) | 15 | 1900 (1% Secant) | 9.1 (190° C/2.16 kg) | 20 (230° C/2.16 kg) | Extrusion coating, lamination, hygiene products |
| Vistamaxx™ 6202MED | 64 (Shore A) | 15 | 1900 (1% Secant) | 9.1 (190° C/2.16 kg) | 20 (230° C/2.16 kg) | Medical nonwovens, hygiene and personal care |
| Vistamaxx™ 6502 | 71 (Shore A) | 13 | 3000 (1% Secant) | 21 (190° C/2.16 kg) | 45 (230° C/2.16 kg) | Compounding, injection molding, polymer modification |
| Vistamaxx™ 6902 | 76 (Shore A) | 12 | 5300 (1% Secant) | – | 100 (230° C/2.16 kg) | Hot melt adhesives, compounding, polymer modification |
| Vistamaxx™ 7020BF | – | 15 | 2000 (1% Secant) | 9.0 (190° C/2.16 kg) | 20 (230° C/2.16 kg) | Nonwovens, PP modifications, medical nonwovens |
| Vistamaxx™ 7050BF | – | 13 | 3000 (1% Secant) | 18 (190° C/2.16 kg) | 45 (230° C/2.16 kg) | Meltblown nonwovens, spunbond nonwovens, hygiene film |
| Vistamaxx™ 7810 | – | – | 1300 (1% Secant) | 1.8 (190° C/2.16 kg) | 3.5 (230° C/2.16 kg) | Elastic hygiene film, laminates, blown film |
| Vistamaxx™ 8380 | 18 (Shore C) | 12 | – | – | – | Hot melt adhesives, polymer modification |
| Vistamaxx™ 8580 | 21 (Shore C) | 10 | – | – | – | Hot melt adhesives, compounding, polymer modification |

| | | | | | | |
|-----------------|--------------|---|---|---|---|---|
| Vistamaxx™ 8880 | 53 (Shore C) | 6 | - | - | - | Hot melt adhesives, compounding, polymer modification |
|-----------------|--------------|---|---|---|---|---|

Note (About Model suffix) :

- MED: Medical grade, compliant with USP Class VI, ISO 10993 biocompatibility, European Pharmacopoeia, and other medical standards.
- FL: High-flow type, designed for high-speed processing such as film, extrusion, and lamination.
- BF: For nonwoven fabrics, suitable for meltblown, spunbond, and elastic sanitary films.
- No suffix: General-purpose, suitable for general processing scenarios such as lamination, modification, and injection molding.