

Aegis® MBM Nylon 6 Resin for Extrusion Applications

Description

Aegis® MBM is a terminated, non-delustered, bright medium dye, medium viscosity nylon 6 resin for carpet fiber and synthetic turf extrusion applications.

| Typical Properties | Test Method | Units | Value |
|---------------------|-------------|-------|-----------|
| Parameter | | | |
| Viscosity, FAV | ASTM D-789 | | 61 +/- 3 |
| 96% SAV | | | 2.83 |
| Moisture Content | ASTM D-6869 | % | Max. 0.15 |
| Extractable Content | SOP-702-307 | % | Max. 1.1 |

| General Properties | Test Method | Units | Value |
|--------------------|-------------|-------------------|-----------|
| Parameter | | | |
| Melting Point | ASTM D-3418 | °C (°F) | 220 (428) |
| Density (Typical) | ASTM D-1505 | g/cm ³ | 1.13 |
| Forms | | | Pellets |

Processing Guidelines

Material Handling

Aegis® MBM resin is supplied in sealed containers and drying prior to processing is not required. However, high moisture is the primary cause of processing problems. If drying becomes necessary, a dehumidifying or desiccant dryer operating at 80°C (176°F) is recommended. Drying time is dependent on moisture level. Further information concerning safe handling procedures can be obtained from the Safety Data Sheet. Alternatively, please contact your AdvanSix representative.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications.

Contact AdvanSix

To learn more about the benefits of Aegis® Nylon Resins, visit AdvanSix.com/NylonSolutions or call: **1-844-890-8949** (toll free, U.S./Can.) **+1-973-526-1800** (international)

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