

Cathay Terryl® Renewable Engineering Polyamide

Category : Polymer , Thermoplastic , Nylon

Material Notes:

Terryl® provides significant advantages in spinnability, dyeability, water absorption and comfort. Information provided by Cathay

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cathay-Terryl-Renewable-Engineering-Polyamide.php

| Physical Properties | Metric | English | Comments |
|---------------------|---------------------|---------------------|----------|
| Molecular Weight | 20000 - 60000 g/mol | 20000 - 60000 g/mol | |
| Melt Flow | 72 g/10 min | 72 g/10 min | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|---------------------|----------------------|----------|
| Elongation at Break | 50 % | 50 % | |
| Tenacity | 0.300 - 0.500 N/tex | 3.40 - 5.66 g/denier | |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Melting Point | 254 °C | 489 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|--------------|----------|
| Dyeability | 25.5 L Value | 100°C |
| | 30.5 L Value | 40°C |
| Elastic Recovery | fiber 10% | 97-100% |
| | fiber 30% | 60-65% |
| Fiber moisture regain | 5-6% | |

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