

Edgetek™ XT High Performance Blends

Polymer blends that provide outstanding performance and durability

Product Description

PolyOne's Edgetek XT high performance polymer blends offer an outstanding combination of strength, durability and chemical resistance. A broad selection of standard products is available including general purpose, UV-stable and low-temperature grades. In addition, Edgetek XT product formulations can be customized to meet specific performance requirements.

Edgetek XT blends stand up to demanding applications and harsh operating environments. They are particularly useful in applications subjected to low-temperatures, high UV exposure, automotive fluids and many other chemicals, and/or elevated operating temperatures. Outstanding aesthetics, dimensional stability, and resistance to stress cracking are additional benefits provided by Edgetek XT blends.

Edgetek XT blends also offer ease of processing through high-flow properties, a wide processing window and short cycle times. These characteristics provide processors with improved cost effectiveness and greater productivity.

Key Characteristics

Edgetek XT high performance blends deliver outstanding performance in these functional areas:

- **Strength and Durability**, providing an outstanding combination of mechanical properties, toughness and excellent heat resistance
- **Chemical Resistance**, withstanding fuels, oils, and other harsh chemicals
- **High Impact Resistance**, demonstrating remarkable impact properties in all temperature ranges
- **Weatherability**, offering specially formulated grades for use in applications with high levels of UV exposure





Markets and End-Use Applications

Edgetek™ XT high-performance blends are ideal for applications in a full range of markets, including:

Consumer

Appliances, housewares, lawn and garden equipment housings, sporting goods, furniture, boats and watercraft

Electrical/Electronic

Business and equipment housings, hand-held devices, wiring connectors, terminal blocks, enclosures, communications equipment

Healthcare

Medical device housings, equipment and supplies, hand-held devices, procedural room equipment

Industrial

Structural components, turbine blades, safety equipment, outdoor enclosures, irrigation equipment, engine covers, hoods and components

CONTACT INFORMATION

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