

TECHNICAL DATA SHEET

Product Name	FORMUFIT Clear UV PVC Fittings & Pipe
Product Description	<p>FORMUFIT Clear UV PVC Fittings & Pipe are derived from a specially formulated rigid clear PVC molding compound suitable for applications requiring:</p> <ul style="list-style-type: none"> • Weatherability • UV Resistance • Impact Strength • Thermoformability • Critical Outside Appearance

PROPERTIES	TYPICAL VALUE	TEST METHOD
Specific Gravity	1.30	ASTM D-792
Tensile Yield Strength (psi)	5,900	ASTM D-638
Tensile Modulus (psi)	346,000	ASTM D-638
Flexural Yield Strength (psi)	9,500	ASTM D-790
Izod Impact (ft lbs/in notch) @ 73°F	23	ASTM D-256
Optical Transmittance	75%	ASTM D-1003
Optical Haze	5%	ASTM D-1003

- **Specific Gravity** - The ratio of the density of a given solid to the density of water.
- **Tensile Yield Strength (psi)** - The stress at which material strain changes from elastic deformation to plastic deformation, causing it to deform permanently.
- **Tensile Modulus (psi)** - The tendency of an object to deform along an axis when opposing forces are applied along that axis.
- **Flexural Yield Strength (psi)** - The ability of an object to resist deformation under load.
- **Izod Impact** - The kinetic energy needed to initiate fracture and continue the fracture until the specimen is broken.
- **Optical Transmittance** - Percentage of optical power channeled through a transparent specimen.
- **Optical Haze** - Percentage of light scattered when passing through a transparent specimen.