

## A Flame Retardant Polypropylene Compound

### TYPICAL APPLICATIONS:

Automotive components (convoluted tubing)

### Product Description:

Properties shown below are typical for a flame retardant polypropylene compound. This product is designed for extrusion processes.

Delfingen Product Reference: PP3

Colors available: Natural, Black, Orange, Gray, White, Yellow, Blue Green

### Features and Options:

- High Impact
- Good Flexibility
- Chemical Resistance
- Temperature rating: -40°C to 105°C
- Short term 125°C for 240h
- Short term 135°C for 168h

Physical Properties	Test Methods	Values	Unit
Melt Flow Index (190°C, 21.6 kg)	ASTM D1238	1,2	g/10 min
Specific Gravity	ASTM D792	0.93	g/cm3
2% Secant Modulus	ASTM D638	756	MPa
Melting Temperature	DSC	170	°C
Tensile Strength, Yield (500 mm/min)	ASTM D638	23	MPa
Tensile Strength, Break (500 mm/min)	ASTM D638	28	MPa
Elongation, Break	ASTM D638	567	%
HDT at 0.46 MPa	ASTM D648	98	°C
Notched Izod Impact	ASTM D256	28	J/m
Flammability	FMVSS 302	SE	mm/min
Flammability	UL94 (1mm thick)	V2	-
Oxygen Index	ASTM D2863	25.2	%

This raw material is designed to meet:

- YPS 11-03-002, YPS 11-03-006
- Toyota TSC 1150G
- Nissan 24010 NDS 00
- UTMS 18002
- Delphi M2206

*The data listed here falls within normal range of properties, but they should not be used for setting specific limits or used as a basis for design. The applications and conditions for use of this product including technical assistance and information are beyond our control. Users of this product are responsible for evaluating this product to ensure their own satisfaction that it is suitable for their intended uses. All information is given without warranty or guarantee. Before working with this product, users must read and familiarize themselves with the available health, safety and environmental information that is available regarding product hazards, proper use and handling.*

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