

NEXIMID MHT-R

Reaction mass of 4,4'-(Hexafluoroisopropylidene)bisphthalic anhydride and 4,4'-(1,2-ethynyl)bisphthalic anhydride and 4-phenylethynylphthalic anhydride and 1,3-phenylene diamine

Chemical name:	Reaction mass of 4,4'-(Hexafluoroisopropylidene)bisphthalic anhydride and 4,4'-(1,2-ethynyl)bisphthalic anhydride and 4-phenylethynylphthalic anhydride and 1,3-phenylene diamine
CAS#:	Not available
Molar mass:	Not applicable (multi-constituent substance)
Appearance:	Dark amber solid or light yellow powder
Packaging:	1, 5, 10 kg

Specification

Property	Measured value	Unit	Method
Mass loss at 300°C	3-5	% weight	TGA

Physical and chemical properties

Property	Measured value	Unit	Method
Softening temperature	100-120	°C	DSC
Viscosity	<1000 @ 290°C	cP	Parallel-plate rheometry

Product type

Low viscosity resin for resin transfer molding.

Application Areas

The resin is primarily intended for industry like aerospace, automotive, construction, military and heavy industry. Some applications examples are composites material for airplane, marine U-boat and papermaking machines.

Handling and Storage

Indefinite shelf-life when stored at room temperature.

Safety and Regulatory Information

NEXIMID MHT-R is a non-phase-in multi-constituent substance which has not yet been registered.