DOTMAR
ENGINEERING PLASTICS

MATERIAL DATA SHEET

TICOMP HMV

Features

A proprietary fluoropolymer based compound that has been specifically developed for conveyor applications where traditional polymers like UMMW-PE, nylon, polyurethane and rubbers fail due to high belt speeds causing excessive wear due to frictional heat build-up.

Benefits

This formulation offers the following performance advantages:

- Continuous running temperature of 250°C
- Excellent wear resistance.
- Thermal conductivity to dissipate heat.
- No lubrication necessary.

Typical Applications

- Conveyor Skirts
- Impact Bar / Cradle Liners
- Conveyor Belt Support Bars
- Wear Strips / Guide Rails
- Sliding Parts or Guiding Elements (dry running)

PHYSICAL PROPERTIES

TICOMP HMV		
TYPICAL PROPERTIES	UNIT	VALUE
Colour		Dark Grey
Specific Gravity	g/cm^3	2.10
Hardness	Shore D	66
Tensile Strength	MPa	20
Elongation at Break	%	2.5
Cont. Service Temp	°C	250

DELIVERY PROGRAM

FEATURE	SIZE
Rod	2000 × (30–60)mm OD
Cylinder	300 × (50–778)mm OD × (15–40)mm WT
Plate	610mm × 610mm × (8–80)mm

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