

# NEUTHANE 3600

MDI – PTMEG Ether Rotational Casting System

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The NEUTHANE 3600 series are high performance MDI - PTMEG ether rotational casting systems designed to produce roller coverings in arduous application areas. It is based on 2000 molecular weight PTMEG polyol.

- a high level of physical properties
- very good dynamic performance
- good hydrolysis resistance
- high resilience
- non MOCA curatives
- processing without moulds
- room temperature curing

## Processing

- Melt prepolymer at 50-70°C for 12-24 hours
- Heat the prepolymer and curative to the recommended temperature
- Ensure that the curative is thoroughly mixed prior to use (the storage tank on the machine should be fitted with agitation to prevent separation during use)
- Degas to remove air
- Dispense at 700-2000g per minute\*
- Adjust rotation and traverse speed until a smooth build up is achieved\*
- Cure as recommended

\* This will vary depending upon diameter of roller. As a general guide the output rate, rotational and traverse speeds will all increase as the diameter of the roller increases

NEUTHANE GRADE		3600
%NCO (mid-point)	%	6.4
Colour		Cream - White
Viscosity @ 100°C	cPs	580
Specific Gravity	g / cm <sup>3</sup>	1.10

Data above represents typical physical properties. Since conditions of use are beyond our control, no warranty is given or implied in respect of any recommendations or suggestions made by ourselves, nor is freedom from patent infringement inferred.