

Ultrafiltered

A PTFE thickened, heavy viscosity, NLGI Grade 1, perfluoropolyether grease intended for high vacuum and clean room applications, spacecraft and semiconductor manufacturing equipment. Benefits include very low vapor pressure.

Lubricant Properties		Typical Value	Test Method	
Recommended Service Range (°C)		-75 to 250		
Thickener		PTFE		
Base Oil	Type	Perfluoropolyether		
(NyeTorr 6301)	Kinematic Viscosity	-40°C	5818 cSt	ASTM D-445
		40°C	188.3 cSt	
		100°C	56.8 cSt	
	Viscosity Index		346	ASTM D-2270
Pour Point	°C	-80	ASTM D-97	
Typical Properties of the Grease		Typical Value	Test Method	
Color, Appearance		White, Smooth		
Penetration (1/10 mm)	NLGI Grade	1	ASTM D-217	
	Unworked	315	ASTM D-217	
	Worked	60X	321	ASTM D-217
Density	25°C	1.8636 g/cm ³	NYE CTM	
Oil Separation	24 hour(s)	150°C	11.97	FTM 791, Method 321.2
Evaporation	24 hour(s)	150°C	0.12	

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product SDS for detailed safety information on this product. (1512)