

Lucopren® EP1505-55

Thermoplastic Vulcanizate

Lucobit AG

Message:

Lucopren EP1505-55 possesses against TPE-S a better shelf life in hydrocarbons and oils. This depends on the part geometry, time, temperature and stress.

Lucopren EP1505-55 has the following advantages:

high oil and gas resistance

high temperature resistance (-40 to +120 °C, temporarily until 135 °C)

good compression set, also at elevated temperature

Chemical Resistance: high resistance, especially against acids, bases, polar solvents and hydrocarbons

General Information	
Features	Acid Resistant
	Base Resistant
	Fuel Resistant
	Good UV Resistance
	Good Weather Resistance
	High Heat Resistance
	Hydrocarbon Resistant
	Low Compression Set
	Oil Resistant
	Ozone Resistant
	Solvent Resistant
Forms	Granules
Processing Method	Extrusion
	Injection Molding
Hardness	Nominal Value
Shore Hardness (Shore A)	55 to 90
Additional Information	Nominal Value
Acid and Base Resistance ¹	
<55A : 23°C	Very Good
>55A to 90A : 23°C	Very Good
>90A : 23°C	Very Good
Detergent Resistance	
<55A : 100°C	Very Good
>55A to 90A : 100°C	Very Good
>90A : 100°C	Very Good
Oil Resistance ²	
< 55A : 23°C	Satisfactory
<55A : 100°C	Not Recommended

>55A to 90A : 23°C	Good	
>55A to 90A : 100°C	Satisfactory to Not Recommended	
>90A : 23°C	Very Good	
>90A : 100°C	Satisfactory	
Injection	Nominal Value	Unit
Mold Temperature	20.0 to 50.0	°C
NOTE		
1.	7 days	
2.	7 days	

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