

# Akulon<sup>®</sup> S240-C

## PA66

Food Contact Quality, High Viscosity

Print Date: 2024-10-15

<i>PROPERTIES</i>	<i>TYPICAL DATA</i>	<i>UNIT</i>	<i>TEST METHOD</i>
<b>MATERIAL SPECIFIC PROPERTIES</b>		<b>DRY / COND</b>	
Viscosity number	280 / *	cm <sup>3</sup> /g	ISO 307, 1157, 1628
Density	1140 / -	kg/m <sup>3</sup>	ISO 1183
<b>THERMAL PROPERTIES</b>		<b>DRY / COND</b>	
Coeff. of linear therm. expansion (parallel)	0.9 / *	E-4/°C	ISO 11359-1/-2
<b>OTHER PROPERTIES (FILM)</b>		<b>VALUE</b>	
Oxygen transmission rate at 23°C/0%r.h.	27	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	DIS 15105-1/-2
Oxygen transmission rate at 23°C/85%r.h.	41	cm <sup>3</sup> /(m <sup>2</sup> *d*bar)	DIS 15105-1/-2
Water Vapor Transmission Rate at 23°C/85%r.h.	24	g/(m <sup>2</sup> *d)	DIS 15106-1/-3
<b>TEST SPECIMEN PRODUCTION (FILM)</b>		<b>VALUE</b>	
Type of extrusion	cast	-	-
Thickness of specimen	0.06	mm	-
Chill Roll Temperature	100	°C	-

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## Viscosity-shear rate

