

Akulon[®] S240–C

PA66

Food Contact Quality, High Viscosity

Print Date: 2025–11–11

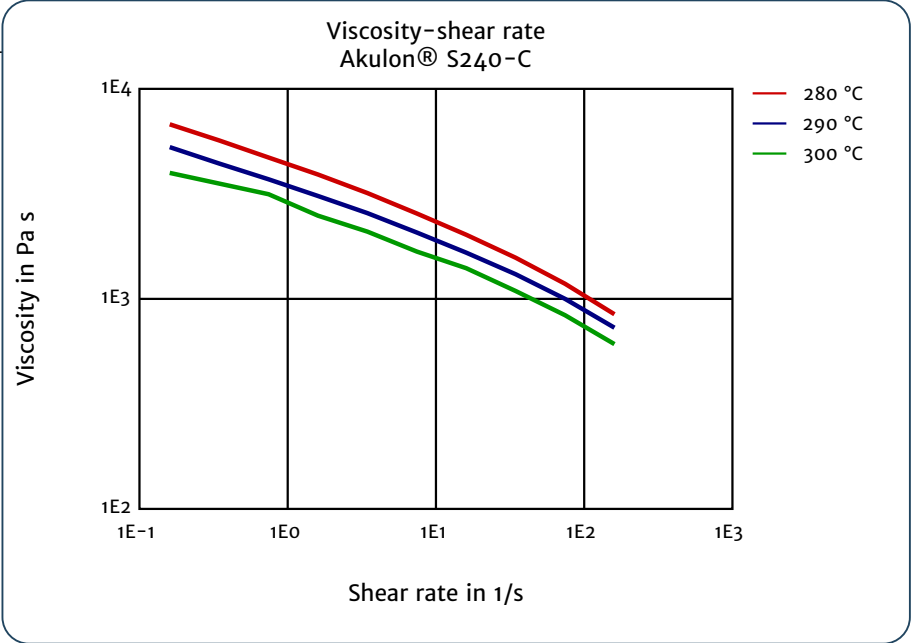
PROPERTIES	TYPICAL DATA	UNIT	TEST METHOD
MATERIAL SPECIFIC PROPERTIES	DRY / COND		
Viscosity number	280 / *	cm ³ /g	ISO 307, 1157, 1628
Density	1140 / –	kg/m ³	ISO 1183
THERMAL PROPERTIES	DRY / COND		
Coeff. of linear therm. expansion (parallel)	0.9 / *	E–4/°C	ISO 11359–1/–2
OTHER PROPERTIES (FILM)	VALUE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

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Viscosity-shear rate



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