

# Hot Pouring Compounds SN, SP, FH



Properties				
	SN	SP	FH	Tested acc. to
<b>Ash</b>	<1%	<1%	<1%	DIN 52 005
<b>Insoluble Content</b> (less ash)	<0,5%	<0,5%	<0,5%	DIN 52 014
<b>Water-Soluble Parts</b>	conductivity at the aqueous solution $\leq 50 \mu\text{S cm}^{-1}$ ; the solution is free from acid and base			VDE 0291-1 § 7
<b>Evaporation Loss</b>	<1,5%	<1,5%	<1,5%	VDE 0291-1 § 8
<b>Physical Structure</b>	The compounds are homogeneous and nonporous in the rigid condition.			VDE 0291-1 § 9
<b>Flash Point</b> (open cup)	>220°C	>220°C	>220°C	DIN 51 584
<b>Softening Point</b> (ring and ball)	>50°C	>45°C	—	DIN EN 1427
<b>Dropping Point</b>	—	—	>50	DIN ISO 2176
<b>Penetration</b> at 25°C	—	—	10 - 20	DIN ISO 2137
<b>Adhesive Strength</b> (lead strip test) at	15° - 1° C	0° - 1° C	20° - 1° C	VDE 0291-1 § 10
<b>Viscosity</b>	800 mPas (150°C)	400 mPas (150°C)	50 mPas (130°C)	DIN EN 13302
<b>Knocking off barness</b>	knock offable	—	—	VDE 0291-1 § 12
<b>Non-stickingness</b>	—	—	—	VDE 0291-1 § 13
<b>Recognizability of the core marking</b>	—	—	recognisable	VDE 0291-1 § 14
<b>Shrinkage</b>	shrinkage is to be determined			VDE 0291-1 § 15
<b>Dielectric Strength</b> tested at	20 kV	20 kV	20 kV	VDE 0291-1 § 16
<b>Dissipation Factor</b> at 20° - 1° C and 1 kHz and/or 200 kHz	—	—	< 0,05	VDE 0303-4
<b>Workability</b> at 5°C	—	—	—	VDE 0291-1 § 17