

## SECTION 3

# NGO STEEL ELECTRIC INSULATION COATING

Type under EN 10342	Type under GOST 33212	Grade under GOST 21427	Thickness, $\mu\text{m}$	Resistance factor, $\text{Ohm} \times \text{cm}^2, \text{min}^*$	Thermal resistance	Freon resistance	Stampability	Weldability
EN-5-N EN-5-P	TШ	TШ1	$\leq 1.0$	1	450°C, 2 hrs in air	good	good	good
			0.5-1.5	5	750°C, 2.5 hrs in protective atmosphere	good	good	good
EC-3	HШ	HШ1	0.5-1.5	1.5	200°C, 24 hrs in air	good	excellent	adequate
EC-6	HШ	HШ40	4.0-7.0	40	200°C, 24 hrs in air	good	good	adequate

\* Average of two sides