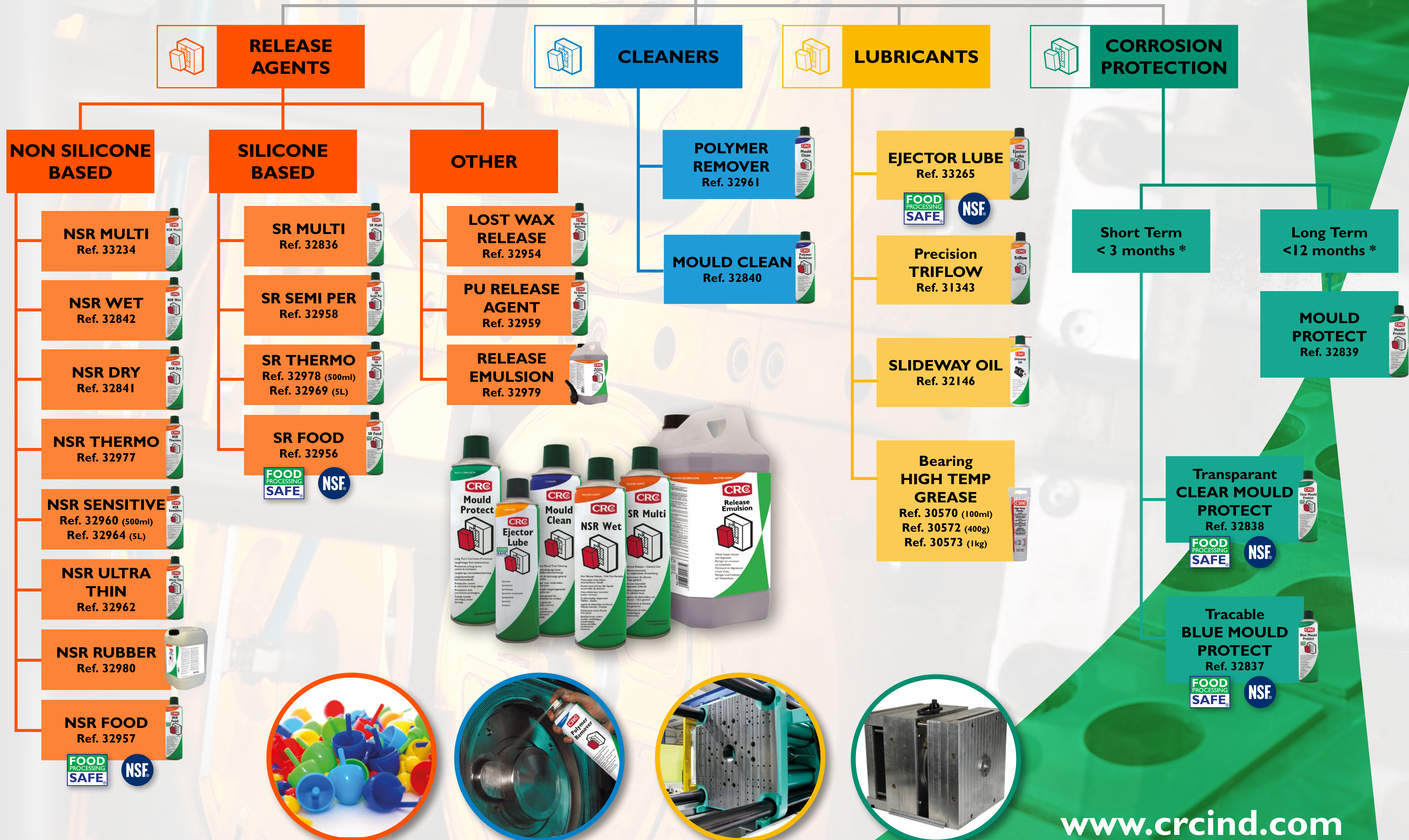




POLYMER PROCESSING



*Depending on environmental circumstances.



POLYMER PROCESSING



Thermoplastics

	Rotational moulding	Extrusion blow moulding	Vacuum forming	Lost wax	Injection moulding	Injection gas moulding	Injection blow moulding	Injection stretch blowing	Thermo-forming	Insert moulding	Extrusion profile & sheets
ABS	SR Semi Per	SR Hi Temp	NSR Wet	Lost Wax Release	NSR Ultra Thin	NSR Ultra Thin	NSR Ultra Thin	NSR Ultra Thin			
PA					SR Hi Temp		NSR Ultra Thin	NSR Ultra Thin			
PC					SR Hi Temp	NSR Sensitive	NSR Sensitive	NSR Sensitive	NSR Food	NSR Sensitive	
PE					NSR Sensitive	NSR Food	SR Food	NSR Sensitive	SR Food	NSR Sensitive	
PET					SR Multi						
PLA					NSR Ultra Thin	NSR Ultra Thin	NSR Food				
PMMA					SR Multi						
POM					SR Multi						
PP					SR Multi	NSR Food			NSR Food	NSR Sensitive	
PS					SR Multi						
PVC					NSR Rubber	NSR Rubber	SR Food	NSR Rubber	SR Food	NSR Rubber	Release Emulsion

*Depending on environmental circumstances.

Thermosets

	Lost wax	Extrusion profile & sheets	Resin transfer moulding	Pultrusion	Flat bed moulding
UP	NSR Thermo	NSR Thermo	SR Thermo	NSR Thermo	NSR Dry
AMC			NSR Thermo		
EP			SR Thermo		
FUR			NSR Thermo		
M					
PF					
PU	PU Release Agent	PU Release Agent	PU Release Agent	PU Release Agent	PU Release Agent
VE	NSR Thermo	NSR Thermo	NSR Thermo	NSR Thermo	
neoprene		Release Emulsion			

Glossary Plastics

	Code	Chemical name	Mould Temp. [°C]
THERMOPLASTICS	ABS	Acrylonitrile Butadiene Styrene	85
	PS	Polystyrene	82
	PC	Polycarbonate	93
	PP	Polypropylene	60
	PVC	Polyvinyl Chloride	rig 60 / flex 82
	PE	Polyethylene (LD=Low Density, HD=High Density)	LD 27 / HD 43
	PA	Polyamide (Nylon)	204
	PET	Polyethylene Terephthalate	99
	PMMA	Acrylic	65
	POM	Polyoxymethylene	
THERMOSETS	PLA	Polyacid Acid	
	UP	Unsaturated Polyester	
	AMC	Alkyd	
	EP	Epoxies	
	FUR	Furan	
	M	Melamine (MF, UF)	
	PF	Phenolics	
	PU	Polyurethane	
	VE	Vinyl Esters	Temperature triggered chemical reaction