

ULTRA PLAST PRODUCT	Temp. °C	Temp. °F	Polymer																					Processing technology																		
			PE	PP	PVC	EVA	EVOH	POM	TPE	TPU	PS (transparent and >250°C)	PS (opaque or <250°C)	ABS	PA	SAN	PC (transparent)	PC (opaque)	ASA	PMMA	PC/ABS	PBT	PET	PET-G (Temp. <260°C)	PPO	PPS	PEEK	ULTEM	PEI	PES	PSU	Working temp. >320°C	Screw and barrel	Hot runner	Color and material change	Shut down	Injection (only screw)	Injection (screw/hotrunner)	Extrusion	Extrusion Blow Molding	Blown film	Cast Film	
P-O	140-300°C	284-572°F	X	X	X	X	X	X	X	X	X	X	X	X					X												X		X	X	X		X	X	X	X	X	X
PO-C	140-300°C	284-572°F	X	X	X	X	X	X	X	X	X	X	X						X													X	X	X	X	X	X	X	X	X	X	X
PO-CS	140-300°C	284-572°F	X	X	X	X	X	X	X	X	X	X	X						X													X	X	X	X	X	X	X	X	X	X	X
PO-S	140-300°C	284-572°F	X	X	X	X	X	X	X	X	X	X	X						X													X	X	X	X	X	X	X	X	X	X	X
PO-PS	170-290°C	338-374°F									X	X	X	X			X	X													X	X	X	X	X	X	X				X	
PO-E	140-300°C	284-572°F	X	X	X				X	X		X	X	X																	X		X	X	X		X	X	X	X	X	
POE-CS	140-300°C	284-572°F	X	X	X				X	X		X	X	X																	X		X	X	X		X	X	X	X	X	
POE-S	140-300°C	284-572°F	X	X	X				X	X		X	X	X																	X		X	X	X		X	X	X	X	X	
PO-HCS	140-300°C	284-572°F	X	X	X	X	X	X	X	X		X																			X	X	X	X	X	X						
PO-TPE	140-300°C	284-572°F	X		X	X	X		X	X																					X	X	X	X	X	X				X	X	
SP	140-360°C	284-680°F	X	X	X				X	X	X	X	X		X	X	X	X	X	X	X									X	X		X	X	X		X	X	X	X	X	
SP+	140-360°C	284-680°F	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X			X							X	X	X	X	X	X	X	X	X	X	X	X	
HIGH	190-320°C	374-608°F									X	X	X	X	X	X	X	X	X	X	X	X	X								X		X	X	X		X	X		X		
HIGH-C	240-320°C	464-608°F									X		X	X		X	X	X	X	X	X	X									X	X	X	X	X	X	X	X		X		
HIGH-CS	240-320°C	464-608°F									X		X	X		X	X	X	X	X	X	X									X	X	X	X	X	X	X	X		X		
PET-C	250-320°C	482-608°F																					X									X	X	X	X	X	X	X	X		X	
PET-CS	250-320°C	482-608°F																					X									X	X	X	X	X	X	X	X		X	
PET-S	250-320°C	482-608°F																					X									X	X	X	X	X	X	X	X		X	
HT	240-400°C	464-752°F																	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			
HT-CS	250-420°C	482-788°F																	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		
HT-S	250-420°C	482-788°F																	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		
BF*	80-400°C	176-752°F	X	X	X																		X	X							X	X	X	X	X	X	X		X	X		
CE-E*	80-400°C	176-752°F	X	X	X																		X	X							X	X	X	X	X	X	X	X	X	X	X	
ECO-CE*	80-400°C	176-752°F	X	X	X																		X	X							X		X	X	X		X	X	X	X	X	
CE-CS*	80-400°C	176-752°F	X	X	X																		X	X							X	X	X	X	X	X	X	X	X	X	X	
ECOCE-CS*	80-400°C	176-752°F	X	X	X																		X	X							X		X	X	X		X	X	X	X	X	
LP**	80-400°C	176-752°F	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

X : gives the best results X: can be used * Concentrate material, to be mixed with suitable polymer ** Liquid concentrate