

Overmoulding Compatibility Chart

Material-to-material adhesion compatibility guide

inoplas technology



MATERIAL	ABS	ASA	CA	PA 6	PA 6,6	PA Blend	PBT	PC	PC/ABS	PC/PBT	PC/PET	PE	PET	PMMA	POM	PP	PPO	PS	SAN	TPE	TPU	LSR
ABS	Dark Green	Light Green	Yellow	Light Green	Light Green	Yellow	Light Green	Light Green	Light Green	Light Green	Light Green	Yellow	Yellow	Light Green	Yellow	Red	Red	Yellow	Yellow	Light Green	Light Green	
ASA	Light Green	Dark Green	Yellow		Light Green		Light Green	Light Green	Light Green	Light Green	Light Green	Red	Light Green	Light Green	Red	Red	Red	Yellow	Light Green	Yellow	Light Green	
CA	Yellow	Yellow	Dark Green				Light Green					Red			Red	Red	Red	Red	Light Green		Light Green	
PA 6	Light Green			Dark Green	Dark Green	Light Green	Light Green	Yellow	Light Green	Light Green	Light Green	Yellow			Red	Yellow	Red	Red		Yellow	Light Green	Dark Green
PA 6,6	Light Green	Light Green		Dark Green	Dark Green	Light Green	Yellow	Yellow	Light Green	Light Green	Light Green	Yellow			Red	Yellow	Red	Red		Yellow	Light Green	Dark Green
PA Blend	Yellow			Light Green	Light Green	Dark Green									Yellow	Yellow	Red	Red		Yellow	Light Green	Light Green
PBT	Light Green	Light Green		Light Green	Yellow		Dark Green	Light Green	Light Green	Light Green	Light Green	Yellow	Light Green	Yellow	Yellow	Yellow		Yellow	Light Green	Yellow	Light Green	Dark Green
PC	Light Green	Light Green		Yellow	Yellow		Light Green	Dark Green	Light Green	Light Green	Light Green	Red	Light Green		Yellow	Red		Red	Light Green	Yellow	Light Green	Red
PC/ABS	Light Green	Light Green		Light Green	Light Green		Light Green	Light Green	Dark Green	Light Green	Light Green	Red			Yellow	Red		Red	Yellow	Yellow	Light Green	
PC/PBT	Light Green	Light Green		Light Green	Light Green		Light Green	Light Green	Light Green	Dark Green	Light Green	Red	Light Green	Light Green	Yellow	Red		Red	Yellow	Yellow	Light Green	Light Green
PC/PET	Light Green	Light Green		Light Green	Light Green		Light Green	Light Green	Light Green	Light Green	Dark Green	Red	Light Green	Light Green	Yellow	Red		Red	Yellow	Yellow	Light Green	
PE	Yellow	Red	Red	Yellow	Yellow		Yellow	Red	Red	Red	Red	Dark Green	Red	Red	Red	Light Green			Yellow	Light Green	Yellow	Red
PET	Yellow	Light Green					Light Green	Light Green		Light Green	Light Green	Red	Dark Green							Yellow	Yellow	
PMMA	Light Green	Light Green					Yellow			Light Green	Light Green	Red		Dark Green		Red	Red	Red	Light Green	Yellow	Light Green	
POM	Yellow	Red	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Red			Dark Green					Yellow	Red	
PP	Red	Red	Red	Yellow	Yellow	Yellow	Yellow	Red	Red	Red	Red	Light Green		Red		Dark Green	Yellow			Dark Green	Yellow	Red
PPO	Red	Red	Red	Red	Red	Red								Red		Light Green	Dark Green	Light Green	Red	Yellow	Light Green	
PS	Light Green	Yellow	Red	Red	Red	Red	Yellow	Red	Red	Red	Red			Red			Light Green	Dark Green	Yellow	Yellow	Light Green	
SAN	Light Green	Light Green	Light Green				Light Green	Light Green	Yellow	Yellow	Yellow	Yellow		Light Green			Red	Yellow	Dark Green	Light Green	Light Green	
TPE	Dark Green	Yellow		Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Light Green	Light Green	Yellow	Yellow	Dark Green	Yellow	Yellow	Light Green	Dark Green	Light Green	
TPU	Dark Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Yellow	Light Green	Light Green	Red	Yellow	Light Green	Light Green	Light Green	Light Green	Dark Green	
LSR				Dark Green	Dark Green	Light Green	Dark Green	Red		Light Green		Red				Red						Dark Green