

ANVYL

POLYMER CHEAT SHEET

		LLDPE	LDPE	HDPE	PP	PS	PVC	PET	PVDC	EVOH	NYLON	PC	PEN
B A R R I E R	MOISTURE	✓	✓	✓	~	✗	✗	✓	✓+	✗-	✗	~	✓
	GAS	✗	✗	✗	~	✗	✓	✓+	✓+	✓+			
	CHEMICAL			✓+		✗	✓	✓+	✓+	✓+			✓+
	GREASE/OIL		✗	✓	✓		✓+			✓+	✓+		
TEMPERATURE			▼		▲	▼	▼	▲			▼▲		
STRENGTH			Low Tensile	High Tensile	Flex		Flex	Tough			Tough	Tough	Tough
CLARITY			✗	✗-	✗/✓	✓	✓	✓+			✓	✓++	
REACTION TO LIGHT (Discoloring)						✓	✓						
NONPOLAR		✓	✓	✓	✓	✓							
COMBINES			✓						✓	✓+	✓		
AMORPHOUS						✓	✓	✓				✓	✓
CRYSTALLINE		✓	✓	✓	✓			✓ CPET	✓		✓		
SEMI-CRYSTALLINE								✓		✓			✓
DENSITY		0.91	0.92	0.93	0.9		1.2	~1.4	1.64		1.15	1.2	
COST(per ib.)		\$	\$	\$	\$				\$\$\$	\$\$\$	\$\$\$	\$\$\$	\$\$\$
USES		Fertilizer	Bread	Milk	Snack	Eggs	Meat	Soda	Barrier Coating	Barrier layer	Co-Extruded Films	5 Gallons	Used With PET
RECYCLE CODES		7	4	2	5	6	3	1	7	7	7	7	7