

ISO/TR 17051:2020 (E)

Rubber, vulcanized — Guidelines for material specification

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Designing a material specification
5	Designation system
Annex A	(informative) Material description
A.1	Natural rubber (NR)
A.2	Styrene-butadiene rubber (SBR)
A.3	Ethylene-propylene rubber (EPM, EPDM)
A.4	Chloroprene rubber (CR)
A.5	Nitrile rubber (NBR)
A.6	Hydrogenated nitrile rubber (HNBR)
A.7	Nitrile rubber mixed with PVC, NBR/PVC
A.8	Silicone rubber (VMQ)
A.9	Fluorocarbon rubber (FKM)
A.10	Acrylic rubber (ACM)
A.11	Ethylene acrylic rubber (AEM)
A.12	Epichloro hydrin rubber, ECO
Annex B	(informative) Rubber specification — Natural rubber (NR)
Annex C	(informative) Rubber specification — Styrene-butadiene rubber (SBR)
Annex D	(informative) Rubber specification — Nitrile rubber (NBR)
Annex E	(informative) Rubber specification — Hydrogenated nitrile rubber (HNBR)
Annex F	(informative) Rubber specification — Nitrile rubber with PVC (NBR/PVC)
Annex G	(informative) Rubber specification — Chloroprene rubber (CR)
Annex H	(informative) Rubber specification — Acrylic rubber (ACM)
Annex I	(informative) Rubber specification — Ethylene acrylic rubber (AEM)
Annex J	(informative) Rubber specification — Fluorocarbon rubber (FKM)
Annex K	(informative) Rubber specification — Silicone rubber (VMQ)
Annex L	(informative) Rubber specification — Epichlorohydrin rubber (ECO)
Annex M	(informative) Rubber specification — Ethylene-propylene rubber (EPM and EPDM)